Oil, Paint and Drug Reporter

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Volume 130 AUGUST, 17, 1936 Number 7

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TITANOX

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Patman Law Effects Told

Gaskill, Once Member of F.T.C., Sees Extensive Trade Influence

MayDecentralize Industry

Furtherance of Co-operatives Is Expected—Open Pricing Seen Necessary

WASHINGTON, Aug. 12, 1936.

To meet the demands of the Robinson-Patman law, business will be required to make revolutionary changes in many practices, as well as in its price policies, says Nelson B. Gaskill in what is perhaps the first published comprehensive analysis of the economic influence of the new amendment to the Clayton act.

Mr. Gaskill is an attorney here. He was once a member of the Federal Trade Commission. He sees in the Patman act a "far-reaching advance in the history of a steadily developing intervention by government in the conduct of private business." He warns that the seriousness of the questions of business policy presented by the act can be more easily underestimated than overestimated. In order that business executives may better understand the requirements of the act he has prepared a comprehensive analysis, believing that business management is faced with a stringent necessity of reconsidering sales policies and reconstructing them as most careful cost accounting indicates. Otherwise, he holds, the presentation of an adequate defense when a prima facie case has been shown will be impossible.

Mr. Gaskill's analysis of the requirements and influences of the Patman act is a commentary of some 25,000 words. From it the following paragraphs are taken as representative of its salient points:—

About the first thing management should do is to examine its catalog and price list and weed out all numbers and brands in which what is essentially the same commodity is masquerading under different names or numbers at different prices. For this is an unlawful price discrimination as between purchases of what is essentially the same commodity even in disguise.

Quality Differences Basic

It would seem probable that this statute would emphasize quality differences as

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Kentucky Asks Payment Of Tax on Cosmetics

FRANKFORT, Aug. 15, 1936.

First payment of the State cosmetic tax by merchants became due today. Although the tax was held unconstitutional by Judge W. S. Ardery in the Franklin Circuit Court last week, the State revenue office holds that merchants must continue to make collections.

August 10 was the date first set for payments of the tax to be started. Delay in the printing of forms brought a postponement until today.

The revenue department has held that the cosmetic tax applies to the following articles:—

All cosmetics sold by barbershops and beauty-parlors, antiseptic mouthwashes, bath salts, bayrum, compacts, toilet water, vanity cases containing powder, rouge, or lipstick, witchhazel.

Articles listed as exempt from the tax are:—

Artificial fingernails and eyelashes, baby powder, cleansing tissues, cuticle scissors, hair combs, nail files, olive oil, peroxide of hydrogen, petroleum jelly, rubbing alcohol, shaving cream, toothbrushes.

Louisiana Drug-Cosmetic Act Is Patterned Largely On S. 5

Multiple Seizures May Be Made by Health Board Direct—Labels Must Meet U. S. Law —Advertising Controlled

The new Louisiana food, drugs, and cosmetic act, which became effective August 1, modernizes the control of sales of food and drugs in that State and extends similar control to cosmetics and to the advertising of articles in the three classes. The means adopted in the statute for these purposes are patterned largely on those proposed in the Copeland bill (S. 5) in the recent session of Congress. In largest part, the Louisiana law follows the form in which S. 5 was reported to the house; but it goes back to the form in which that bill was passed by the senate. Also it contains certain provisions, aside from those necessary to adapt the law to State enforcement, which are original. In a general sense it sets up more stringent regulation than was proposed in S. 5 as reported to the house.

Application of the law will be determined in many respects by rules and regulations promulgated by the State board of health.

Fundamentally, the greatest difference from S. 5 is the Louisiana laws' requirement that all packaged foods, drugs, and cosmetics be registered annually with the board of health. In this respect, however, the act is less onerous than S. 5, because the registration required does not call for the filing of formulas and there is no requirement of formula-disclosure on labels beyond the naming of the narcotic and hypnotic substances specified in S. 5. No statement of alcohol content is required. But, in view of the law's provision that labeling disapproved by the United States government constitutes misbranding, labels of drugs must state the presence of substances required to be stated by the present Federal act.

U. S. Rulings Control

A peculiar provision of the Louisiana act is that which holds a food, drug, or cosmetic to be adulterated "if it has been found to be such by any department of the United States government." At present the only Federal department authorized to make such a finding is the Department of Agriculture.

The provision with respect to Federal disapproval of labels brings in the Federal Trade Commission, as well as the Food and Drug Administration. With respect to drugs, this provision is vaguely worded, misbranding being based on the following condition (among others):—

If it is a drug and is not designated solely by a name recognized by an official compendium, or if its label has been disapproved by the United States government or the State board of health.

At first sight, this provision appears to bar the sale of drugs not labeled with an official name. This is not the

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Germany Rescinds Export Subsidies

WASHINGTON, Aug. 13, 1936.

In a note delivered to the Department of State by Ambassador Hans Luther, Germany informs the United States that it has rescinded all subsidies on exports to this country. The note reports action taken in consequence of negotiations for the removal of U. S. countervailing duties on imports from Germany, and it appears that this action withdraws the use of all public and private subsidies for German exporters in trade with the United States.

Officials of the Treasury Department indicate that the countervailing duties will be lifted when full assurance has been received of termination of German export bounties.

The position of the United States made it necessary that Germany rescind all subsidies applying to trade with the United States, and now, as was the first intention, only on the articles on which countervailing duties had been laid. For this reason the lifting of the subsidies probably will result in a contraction, rather than an expansion, of German buying in the United States. German importers will not be able to get currency to buy much American merchandise.

Because of the insistence upon negotiable currency, it is obvious on the other hand that German goods will cost American importers more.

The German idea is said to be to balance imports and exports. Before the several trade barriers interfered, Germany was a far bigger buyer than seller in its trade with the United States.

Naphthalene Output to Be Raised

Potential U. S. Supply Exceeds Demand—Price Will Be Large Factor

Domestic producers are considering plans that will measurably increase the output of crude naphthalene in 1937, according to a survey made by the Federal government in an effort to determine the potential domestic supply of that product. The extent to which domestic production will be stepped up is said to hinge on the availability of imports and the maintenance of prices within the current range of $2.50 to $3 per 100 pounds.

The potential supply of crude naphthalene from by-product coke operations in the United States is believed to approximate 117,000,000 pounds annually, an amount more than sufficient to cover domestic requirements. Tar refiners have hesitated to broaden operations beyond the volume necessary to take up the slack in shipments from abroad. The fear that foreign competition might become too severe, resulting in a lowering of the price to an unprofitable level, was a prominent factor in promoting the adherence to a relatively low production schedule, compared with the potential domestic supply.

When a record high price of $4.50 per 100 pounds was listed for the imported material in April, 1936, hesitation on the part of the domestic sources to greatly improve their output was attributed to the fear of overproduction under the stimulation of a high price. The difficulty of disposing of the heavy products of tar refining, pitch and creosote, has also been a retarding influence, but

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Patman Law Advice Asked

Cosmetic and Food Groups Confer with Members Of F.T.C. Staffs

Strict Interpretation Seen

Extensive Revisions of Policies Necessary—Wholesaling Not Distinct

WASHINGTON, Aug. 13, 1936.

Representatives of trade associations in the food and grocery industry held a conference with officials of the Federal Trade Commission today in an attempt to clarify the provisions of the Robinson-Patman price-discrimination law.

Also present were C. S. Welch, executive secretary of the Toilet Goods Association, and P. A. Shay, counsel for Coty, Inc.

The conference was closed, but it was learned that the group discussed many problems of the industry with the legal and economic staffs of the commission. A long list of questions was presented for discussion, including requests for definition of practically every term used in the law and requests for opinions on the legality of certain practices cited as examples of present conditions. The staff members made it clear that any opinions they expressed were simply their personal views, and that the commission is not intending to issue any official rulings or interpretations.

No Wholesale-Retail Distinction

One of the major points of discussion apparently was the matter of giving larger discounts to wholesalers than to retailers and the payment for services rendered by wholesalers to manufacturers. The consensus of the officials' opinions was that wholesalers cannot be given special discounts simply because they are wholesalers or because they render a service to the community, but all discounts must be based on differences in cost to the manufacturer of selling in different quantities or to different types of customers.

Any special payment, allowance or discount must be for a service actually rendered, and some of the F. T. C. staff men suggested that the only way to avoid violating the law is for a manufacturer to grant no service allowance except for an auditable and actually audited service, and at the same time to make such allowance available to all other customers.

While formal comment was lacking, it appeared that the commission is thinking along lines of strict interpretation of the law, and that trade representatives were somewhat dismayed at the extent of revisions in sales practices which probably will be required.

Complaints Studied

The commission is known to be investigating six or eight formal complaints of violation of the Patman act, but the nature of these cases has not been disclosed. Only one is said to have reached the point where it appears that a formal complaint will be issued if field investigation develops the facts that are alleged. The others are still being given preliminary study on the basis of information supplied by the persons who brought the cases to the commission's attention.

Corporation Tax Explained

Regulations explanatory of the provisions of sections 14, 26, 27 and 115 of the revenue act of 1936 have been issued by the Bureau of Internal Revenue as T.D. 4674.

Closing Market Developments

London Closing Cable

LONDON, August 14, 1936.

Prices for quicksilver, c.i.f. London, were close to £12 1s 6d per flask. The spot position was nominal. Previous price last quoted was £11 15s per flask.

Damiana Leaves Higher

Demand reduced spot stocks substantially and higher prices on the basis of 16c. to 17c. per pound went into effect. Aconite root tended downward. Small crop of French fleaseed kept import cost rising and higher spot quotations developed in some quarters. Spot was quoted minimum at 10c. per pound, but some wanted 11½c. to 12c. as an inside figure.

Fertilizer Organics Soar

Packing-house by-products continued to advance sharply as the week drew to a close. South American blood sold at $3.37½ per unit, a rise of 12½c. There were no offerings following the sale. New York blood sold at $3.35 Friday morning and at $3.50 in the afternoon. Tankage for feed was boosted to $4.50 and 10c. per unit-ton in Chicago and fertilizer grade was named at $3.50 and 10c.; both advancing 50c. since midweek. There are no offerings of ground tankage in New York and unground is named at $3.75 and 10c. per unit-ton.

Spain to Ship Quicksilver

Agents for the Spanish quicksilver producers reported last Friday afternoon that shipments of quicksilver would be coming forward from Spain in quantities sufficient to care for the requirements of buyers in this country. At the moment, exports are subject to a delay of about two weeks, as compared with the seven to ten day period that ordinarily is considered prompt shipment.

Tallow Higher

Tallow was stronger late in the week, sales being reported on Friday at 6⅛c. per pound for extra, f.o.b., showing a further advance of ⅛c. per pound. Greases were also stronger and generally ⅛c. higher.

Tin Salts Lower

The market for the various tin salts was lower as a result of a decline in the price for Straits tin to 42⅜c. per pound. Tin crystals were listed at 33½c. to 34c. per pound; tin anhydrous tetrachloride, 21¾c. per pound, and soda stannate was 28½c. to 31½c. per pound.

Pyrites Production in 1935 Up 17 Percent

The production of pyrites in the United States in 1935 totaled 506,215 long tons, valued at $1,569,672, compared with 432,524 tons, valued at $1,216,363, in 1934, according to a report of the United States Bureau of Mines. Tennessee was the largest producing State in 1935; others were California, Colorado, Illinois, Kansas, Missouri, Montana, New York, Virginia, and Wisconsin. Illinois produced 1,114 tons from coal-mining operations in the year, the first production recorded for the State since 1931.

Pyrites sold or consumed by producing companies amounted to 504,825 tons, compared with 431,340 tons in 1934. Pyrites produced in 1935 contained approximately 199,457 long tons of sulphur, compared with 167,645 tons in 1934.

Imports of pyrites for consumption in 1935 were 397,113 long tons, of which Spain furnished 387,140 tons, Canada 9,888 tons, and Mexico 85 tons. In the previous year 366,315 tons were imported, of which Spain furnished 346,974 tons, and Canada 19,341 tons.

Chemical Salesmen Hold Third Golf Tournament

The Chemical Salesmen's Association held its third golf tournament of the season at Gedney Farms, White Plains, N. Y., August 11, with 40 members and guests in attendance, and the following were winners:—

Class A:—First, E. A. Orem, of E. I. du Pont de Nemours & Co.; second, F. H. Neuberg, of the Warner Chemical Company; third, C. E. Kelly, of Hagerty Brothers. Class B:—First, R. A. Clarke; second, N. H. Fyffe, of the Oldbury Electro-Chemical Company; third, C. O. Lind, of the Dow Chemical Company. Kickers handicap:—First, F. J. Lueders, of George Lueders & Co.; second, Robert Quinn, of the Mathieson Alkali Works; third, W. D. Barry, of the Mallinckrodt Chemical Works. Guest kickers handicap:—First, H. S. Cotterell; second, Thomas Major, of the Bakelite Corporation. Low putt:—Walter Merrill, of the Joseph B. Turner Company.

Chemical Price Trends Vary

Although more advances than reductions were made last week in prices in the markets for heavy and fine chemicals, the sharp cut in the price of benzene was the most important change. This reduction resulted from competitive activity caused by increasing stocks and decreasing demand. In the markets as a whole business showed a little less activity, Midsummer curtailment in the automotive and steel industries was the chief cause, the textile industry and some of the smaller consuming groups being unusually busy.

Higher prices were quoted on menthol, domestic and French casein, domestic and imported dried blood, raw bone, and tankage, Chesapeake and Japanese fish scrap, one grade of Loba copal, and one Batavia dammar. Reductions affected benzene, antimony metal, and several varieties of East Indian and Loba copals.

The REPORTER'S composite index number was unchanged, standing at 125.2 (compared with August 1, 1914, as 100). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.6, against 89.0 at this time last year.

The next tournament will be held September 15 at the Pomonok Country Club, Flushing, L. I., B. J. Gogarty, of the Commercial Solvents Corporation, is chairman of the committee in charge of the golfing tournaments.

Potash Sulphate Output Raised by German Plant

Under an agreement with the Wintershall group in the German Potash Syndicate the Aschensleben group will operate its Hattorf plant to supply the sulphate of potash requirements of the related Westeregeln group, formerly furnished under quotas by the Wintershall concern. This, according to information received by the Department of Commerce from the consul at Frankfort-on-Main, will greatly increase the sulphate output of the Hattorf plant, which has run about 4,000 metric tons a day. It is expected to reduce costs of production and will make the plant one of the largest sulphate producers in the industry.

New facilities for the production of anhydrous sulphate of magnesia were recently developed at the Hattorf plant. These will not be utilized during the next three years. Arrangements have been made for larger disposition of the plant's production of kieserite through absorption of the production quotas of other plants and development of new consuming outlets. The Aschensleben concern is continuing experiments in the production of calcined magnesia.

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Foreign Tariff Notes

Soap.—Colombia has prohibited the importation of common soap, which may be manufactured in Colombia of native materials.

Soda Silicate.—Because the Compania Uruguaya de Silicatos, Ltda., has an installed capacity for annual production of 1,600 metric tons of silicate of soda, which is sufficient for national needs, the Uruguayan import duty has been increased to 52 percent (31 percent regular customs duty and 21 percent additional duty) on a fixed valuation of 5 pesos per 100 kilos, gross weight. The former duty was 9 percent on the same fixed valuation.

Superphosphates. — Netherlands has continued from July 1 the expiring quota on superphosphates.

Tin.—Chile, to assure a supply of tin plate scrap for domestic use, prohibits by a decree published July 13, the exportation of the product for a period of 18 months.

Ultramarine:—Rumania has increased the import duty on ultramarine from 5 lei to 10 lei per net kilogram.

Gypsum Production of 1935 Rose 26 Percent

Production of crude gypsum and gypsite in the United States in 1935 totaled 1,881,128 short tons, the largest annual production since 1931, and a gain of 26 percent over the output of 1934, according to a report of the United States Bureau of Mines. Sales of uncalcined gypsum and gypsite of domestic and foreign origin increased 14 percent to 575,460 tons in 1935, and tonnage of calcined gypsum produced jumped 35 percent over the 1934 level. Sales of calcined gypsum and gypsite products manufactured from domestic and imported material indicated substantial gains in all classifications shown compared with 1934. Sales of calcined gypsum for manufacturing purposes increased approximately 33 percent.

Production, imports, and sales of gypsum and gypsum products in the United States, 1935 and 1934, were as follows:—

	1935.	1934.
Number of active operators	42	38
Crude gypsum (including gypsite) mined, short tons	1,881,128	1,491,396
Crude gypsum imported (as reported by importers), short tons	420,579	293,905
Uncalcined gypsum and gypsite sold (domestic and imported), short tons	575,460	504,325
Calcined gypsum produced from domestic and imported rock, short tons	1,384,827	1,024,217
Calcined gypsum and gypsite, excluding board, lath, tile and the like, short tons	1,144,135	851,114

Drug Store Chain Sales Increased in Half Year

Total net sales of retail chain drug stores for the first six months of 1936 were 4.1 percent greater than for the corresponding period of 1935, according to estimates made by the Bureau of Foreign and Domestic Commerce. The greatest gain was shown by fountain sales, which were 12.3 percent higher, followed by tobacco sales with a 5.8 percent increase, while all other sales increased only 0.5 percent. The figures are based on reports for identical stores from 44 chain organizations. Store units represented, numbering 2,052, were located in 46 States and the District of Columbia, and comprised about 58 percent of all chain drug store units.

The aggregate sales volume for the period was $104,896,298.

Warner to Expand Metallurgy Research at Carnegie Tech

Dr. J. C. Warner, associate professor of theoretical chemistry and for the past ten years a member of the faculty of the chemistry department at the Carnegie Institute of Technology, has been appointed associate professor of metallurgy, effective at the beginning of the Fall term. An authority on physical chemistry, Dr. Warner will develop a teaching and research program in this field as it applies to the melting and refining of metals. Having already organized an extensive program of research in metals, the institute now plans to develop an experimental laboratory for undergraduates in process metallurgy. The melting and refining of metals offers a particularly appropriate field for Carnegie to emphasize, located as it is in the center of the iron and steel industry. A graduate of Indiana University, Dr. Warner has been with the institute since 1926.

Iraq Oil Resources More Closely Held

Extension of the control of the Iraq oil fields by the Iraq Petroleum Company has been effected through the acquisition by the company of the majority of the shares of Mosul Oil Fields, Ltd. According to reports from London stock control of the Mosul company, which was reported to have been acquired by Italian interests last year, has been taken over by the holder of the original concession in Iraq. In that event, the Iraq Petroleum Company now controls the fields on both sides of the Tigris river.

Mosul Oil Fields, Ltd., was formed about four years ago to take over concessions first offered about the middle of 1931 by the Iraq government and located across the Tigris from the long-negotiated Mesopotamian concessions acquired by the Turkish Petroleum Company some ten years ago. The Mosul company was privately capitalized to acquire all the shares of the second concessionaire, the British Oil Development Company. Officials of the Mosul company never admitted that Italian interests had acquired enough stock to control it. Its concession comprises about 45,000 square miles.

The Iraq Petroleum Company is the successor of the Turkish Petroleum Company which successfully defended its rights in the original Gulbenkian concession in Iraq (Mesopotamia). Stock in the Iraq company is internationally divided under an agreement reached in 1928. The Gulbenkian interests (Participations & Investments, Ltd.) originally had one-fifth; the remaining 95 percent was divided equally among the Anglo-Saxon Petroleum Company, owned by the Royal Dutch-Shell group; the Compagnie Francaise des Petroles; the D'Arcy Exploration Company, owned by the Anglo-Persian Oil Company, and the Near East Development Corporation, owned jointly by the Standard Oil Company of New Jersey (25 percent), the Standard Oil Company of New York (25 percent), the Atlantic Refining Company (16 2-3 percent), the Pan-American Petroleum & Transport Company (16 2-3 percent), and the Gulf Oil Corporation (16 2-3 percent).

The names of the Anglo-Persian and Dutch-Shell subsidiaries in the Iraq Petroleum Company are reported to have been changed since 1928 and there have been unconfirmed reports of some shifts in ownership. The Pan-American company sold its interest in the Near East Development Company in 1931 to the Standard Oil Company of New Jersey. It has been said that the interest of the Atlantic Refining Company was acquired by the Texas Corporation.

Oil Men Organize to Modify Leasing Law

Western oil men, seeking a more equitable land leasing law, a modification of the departmental regulations issued under the Greever-O'Mahoney act and opposing bureaucratic control of western lands, met in Casper, Wyo., recently and established a permanent organization to be known as the Public Lands Oil and Gas Protective Association.

Although resolutions for reduction of rentals, royalties and bond requirements in departmental regulations, along with repeal of the Greever-O'Mahoney act, and a granting of Federal lands to the public lands states, were suggested at the meeting, none were adopted. It was decided to have the executive committee report out the resolutions for ratification of the association at a meeting tentatively called for early in September. The resolutions then will be sent to the Secretary of the Interior and to Congressmen from the public lands states.

Officers were elected as follows:—President, R. G. Taylor, Cheyenne; vice-presidents from public lands states, Robert Conaghan, Wyoming; J. A. Henderson, Montana; Warwick M. Downing, Colorado; W. A. Nicholas, New Mexico. Vice-presidents from other public lands states are to be named by the board of directors. Executive committee:—Chairman, Mr. Taylor, and Messrs. Reader, Rock Springs, Wyo.; Downing, Denver; Conaghan, Cheyenne, and W. E. Hogan, Lance Creek, Wyo.

Viscose Company's plant at Lewiston, Pa., will be back at capacity production by September 1, according to word received from that city. The company is now running 85 percent capacity.

Diphenyl Compound Makes Sun Work

Utilizing arochlor, a chlorinated diphenyl compound, made by the Monsanto Chemical Company, St. Louis, as a heat-transfer agent, Dr. C. C. Abbott has succeeded in constructing a steam engine run by the sun. This solar-heat engine is said to be efficient enough to be used for commercial purposes, and its inventor says that it could take over the task of providing power for the world in the event of the exhaustion of supplies of coal and oil.

Dr. Abbott, who is secretary of the Smithsonian Institution, Washington, will demonstrate his sun engine at the Third World Power Conference, which will open in Washington, September 7.

The device consists of parabolic cylindrical mirrors of aluminum which focus the sun's rays on concentric tubes of pyrex glass. The arochlor, pigmented with a little lampblack, flows through one of the tubes and is heated to 400° F. The heat is retained by a vacuum-bottle system and is transferred to water in a boiler by the flow of the heated arochlor through tubes.

The machine is said to have a working thermodynamic efficiency of 15 percent, and to be comparable with coal at $3 a ton.

Lead Co-operative Body Is Formed by British

LONDON, August 5, 1936.

Arising out of the modifications of the British lead duties last year a movement was set on foot to obtain closer permanent cooperation between the Empire producing and manufacturing interests. This movement has now been completed, for the formation has just been announced of a Lead Industries Development Council, which will be representative of all the leading lead interests of the Empire. In recent years the need for cooperation has been recognized to an increasing extent by the numerous manufacturers of lead products, such as white lead, red lead and lead paints, and by the lead mining and smelting organizations operating within the Empire.

Lead is being put to ever-increasing uses, and this development has made necessary the establishment of a central body which will be in a position to give authoritative information so as to promote the newest and best methods of using lead and its products. The new council will absorb and coordinate the work of the various organizations hitherto maintained in the United Kingdom for similar purposes by white lead manufacturers and the sheet lead manufacturers.

British Coal Distillation, Ltd., Newbold, England, is experimenting with a new motor fuel produced by the carbonization of peat or low grade coal. The new fuel is called "solid petrol" and has the appearance of small cinders. It is being tried out in trucks, and is said to cut fuel costs about 60 percent.

Paint Show Spaces Close to Sell-Out

Thirty exhibitors have already taken space in the Paint Industries Show which will be held in the Drake hotel, Chicago, November 15 to 19, in conjunction with the annual meetings of the Federation of Paint and Varnish Production Clubs and the National Paint, Varnish and Lacquer Association. Only about eight spaces remain unsold, and negotiations are under way for four or five of these.

Two rooms have been secured in the Drake hotel for this year's show. The location is roomy and the layout is such that all displays can be readily seen.

Arrangements for the show are in the hands of a committee of the Federation of Paint and Varnish Production Clubs, headed by R. E. Prince, of J. B. Day & Co., 1872 Clybourn avenue, Chicago. Mr. Prince says that there is no question that this year's show is going to be one of the very best and that exhibitors are going to derive the greatest benefit from their displays.

Exhibitors that have already engaged space in the 1936 show are:—

American Can Company, American Cyanamid & Chemical Corporation, American Gum Importers Association, Anderson-Prichard Oil Corporation, Archer Daniels Midland Company, Atlantic Research Association, Bakelite Company, Beck, Koller & Co., Binney & Smith Company, Bramley Machine Corporation, Buhler Brothers, Dicolite Company, Falk & Co., General Naval Stores Company, General Plastics, Inc., Geuder, Paeschke & Frey Company.

Harshaw Chemical Company, Hercules Powder Company, Johns-Manville Company, Spencer Kellogg & Sons, Kent Machine Works, J. D. Lewis, Inc., J. Meyer & Sons, Neville Company, Paul Ommight Company, Resinous Products & Chemical Company, Scientific Section of National Paint, Varnish & Lacquer Association, Stroock & Wittenberg Corporation, Wheeling Corrugating Company, Wilson & Bennett Manufacturing Company.

Kirkwood to Get A.C.S. Pure Chemistry Award

Dr. John Gamble Kirkwood, of Cornell University, will receive the American Chemical Society Award in Pure Chemistry of $1,000 at a ceremony to be held in connection with the society's ninety-second meeting in Pittsburgh, September 9. The award was endowed by A. C. Langmuir, Hastings-on-Hudson, N. Y., and his brother, Dr. Irving Langmuir, of the General Electric Company, Schenectady, Nobel prize winner in chemistry, "to encourage creative work by chemists under 30 years of age." Dr. Kirkwood, who is twenty-nine years old, has outdone the world's best minds in solving certain longstanding problems in molecular chemistry, according to the jury of award headed by Dr. E. R. Weidlein, director of the Mellon Institute of Industrial Research. He is a native of Oklahoma, and studied at the California Institute of Technology, the University of Chicago, and the Massachusetts Institute of Technology. He has been research associate at M. I. T. and National Research Fellow there and at Harvard University. As International Research Fellow in Germany he studied under Prof. P. Debye in Leipzig, Prof. H. Sommerfield in Munich, and Dr. F. London in Berlin.

Excise Taxes May Be Terminated Next June

Administration's Revenue Plans Forecast Dropping of All But Gasoline Levy

WASHINGTON, Aug. 13, 1936.

The possibility that manufacturers' excise taxes will not be extended beyond their present expiration date of June 30, 1937, is seen in the announcement at the White House today that additional taxes will not be sought at the next session of Congress and that the only revenue legislation next year will be for the purpose of revising inequalities and administrative difficulties in existing laws.

President Roosevelt conferred today with Senator Pat Harrison, chairman of the finance committee, and Representative Robert L. Doughton, chairman of the ways and means committee, on the subject of taxes, and on leaving the White House the two chairmen announced that the joint committee on internal revenue taxation would begin a study of tax revision early in September. The experts of this committee will co-operate with Treasury Department officials, and it is probable that a complete revision of revenue laws will be made early in the next Congress.

No specific mention was made of any of the manufacturers' excise taxes, but Mr. Doughton indicated that he looks with disfavor on the so-called "nuisance taxes," particularly those which cost almost as much to collect as they produce in revenue.

Most of the manufacturers' excise taxes were imposed by the revenue act of 1932 and have been extended for periods of one or two years by subsequent legislation. Together they bring in about $360,000,000 annually, of which about one-half is produced by the gasoline tax. Other taxes in this group are on lubricating oil, matches, electrical energy, tires, toilet preparations, furs, jewelry, automobiles and accessories, radios, mechanical refrigerators, sporting goods, cameras, firearms and chewing-gum.

There may be considerable pressure for continuance of the gasoline tax because of the amount of revenue it produces and as justification for large Federal expenditures for highway construction.

Patman Act Debate Scheduled for Aug. 17

An informal debate on "Shall the Robinson-Patman Act Be Repealed?" will be held August 17 at the luncheon meeting of the Sales Executives Club of New York in the Hotel Roosevelt, this city. The disputants will be Representative Emanuel Celler, ranking member of the house judiciary committee, and W. H. Ingersoll, president of Ingersoll & Norvell, marketing specialist. Mr. Ingersoll is a member of the committee on distribution and unfair competition of the Chamber of Commerce of the United States.

Chemical, Oil, Drug Freights From Baltimore Readjusted

WASHINGTON, Aug. 13, 1936.

The Interstate Commerce Commission has granted authority, under certain conditions, for establishment of a freight rate of $1 per 100 pounds over all-rail routes and 98c. per 100 pounds over ocean-rail routes on a number of commodities in mixed carloads from Baltimore to Memphis, and maintenance of higher rates to intermediate points.

Included in the group of commodities named are liquid flavoring extracts in glass; spices in inner containers other than glass or earthenware; dry and liquid insecticides in metal cans; drugs and medicines, castor oil, and turpentine in glass; epsom salt in cartons; cream of tartar in metal cans; liquid glue in glass; alum and borax in boxes, or barrels; sulphur in bags, barrels, boxes, or mats; and dry sulphate of iron in glass, bags, barrels, or boxes, or in bulk.

The new rates were authorized to enable rail carriers to meet competition of water carriers.

Alcohol-gasoline motor fuel has been made compulsory in Lithuania by a new law putting into effect the law enacted in July, 1935. Alcohol must be added to all liquid fuels in the ratio of one part to three.

World Chemical Developments

Chilean interest in increasing sulphur production has brought forward the suggestion that a centralized organization to handle export sales similar to that now handling nitrate and iodine should be created, according to information received by the Department of Commerce.

A plant producing sulphur from pyrites having an annual capacity of 3,000 metric tons has recently been established at Budapest, Hungary, according to reports. Raw materials for the plant will be supplied from State-owned mines at Recsk.

The possibility of establishing a sulphur refinery in Cuba to supply the domestic market is being studied, according to reports. Crude sulphur for the plant would be obtained in Mexico.

Owing to increased demand for synthetic resins and derivative plastic powders in Italy the government has authorized the erection of two new plants for producing such products and the extension of another, reports from Rome state.

Japan's production of synthetic aromatics has increased rapidly in recent years and while official figures are lacking, the value of the annual output is reported to be in the neighborhood of 3,000,000 yen. According to one of the leading producers, the industry is now supplying the large bulk of domestic requirements and within a few years will have certain lines available for export. Camphor by-product oils and coal-tar is used as raw materials in the Japanese synthetic aromatic industry.

The output of Ruhr coke-ovens by-products increased 36 percent last year following an advance of 18 percent in 1934, according to reports from Frankfort-on-Main. Since 1932 production of crude tar in this district has increased from 614,400 to 902,500 metric tons; crude benzol from 162,600 to 251,800; and ammonia from 47,860 to 67,680 metric tons, the report states.

Extracts from "chalchupa," a plant grown in Guatemala, thought to be effective as a snake bite antidote, are being studied by the Department of Agriculture of that country. Experiments are first being made with rattle snakes.

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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works....lb. .75 - 1.00
Acetaldehyde, dms., works....lb. .14 - .16
Acetamide, CP, bots., kegs, 1,000 lb. min., works..lb. .43 - —
tech., kegs, 1,000 lb. min., works lb. .38 - —
Acetanilide, tech., 95%, bbls..lb. .24 Nom.
USP, bbls....lb. .26 - —
Acetin, tech., dms....lb. .22 - .23
Acetoacetanilide, dms. ....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .08 - —
l.c.l., delvd....lb. .08½- —
tanks, delvd....lb. .07 - —
Methyl (see M)
Acetophenone, bots., cns....lb. 1.25 - 2.25
Acetphenetidin, kegs....lb. 1.30 - 1.40
Acid, abietic, bbls., c.l....lb. .06¾- —
l.c.l. ....lb. .07 - —
Acetic, coml. or redist., 28% bbls. 100 lbs. 2.45 - 2.70
cbys. ....100 lbs. 2.95 - 3.20
50%, bbls. ....100 lbs. 4.60 - 4.85
cbys. ....100 lbs. 5.10 - 5.35
70%, bbls. ....100 lbs. 5.73 - 5.98
cbys. ....100 lbs. 6.23 - 6.48
80%, bbls. ....100 lbs. 6.53 - 6.78
cbys. ....100 lbs. 7.03 - 7.28
glacial, natl., CP., cbys.100 lbs.14.00 - —
coml. bbls. ....100 lbs. 8.43 - 8.68
cbys ....100 lbs. 8.93 - 9.18
USP., dms. ....100 lbs.10.50 - —
cbys. ....100 lbs.11.00 - —
synth., 99.5%, al. dms.100 lbs. 8.43 - 8.68
cbys. ....100 lbs. 8.93 - 9.18
USP., reagent, 99.8%, al. dms—100 lbs.10.50 - —
cbys. ....100 lbs.11.00 - —
pure, 30%, bbls....100 lbs. 3.52 - 3.77
cbys. ....100 lbs. 3.92 - 4.17
30%, bbls. ....100 lbs. 3.95 - 4.20
cbys. ....100 lbs. 4.45 - 4.70
60%, bbls. ....100 lbs. 6.63 - 6.88
cbys. ....100 lbs. 7.13 - 7.38
90%, bbls. ....100 lbs. 8.33 - 8.58
cbys. ....100 lbs. 8.83 - 9.08
Acetic acid prices are on freight allowed basis in zone 1 (East of Mississippi River). Zone 2 (Mississippi River to Rocky Mounts), $1.50 per 100 lbs. higher, Zone 3 (Pacific Coast), $1.75 per 100 lbs. higher.
Acetic, anhydride, dms., c.l..lb. .15 - —
l.c.l. ....lb. .16 - .19
Acetylsalicylic, USP, bbls., 225 lbs..lb. .59 - —
boxes, 100 lbs....lb. .59 - —
50 lbs. ....lb. .60 - —
25 lbs. ....lb. .61 - —
kegs, 100 lbs....lb. .58 - —
Anthranilic, refd., bbls....lb. .87 - .95
tech., bbls. ....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Benzoic, tech., kegs....lb. .40 - —
USP., kegs....lb. .54 - .59
Battery, cbys....100 lbs. 1.60 - 3.50
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd, ton.105.00 - —
c.l., delvd....ton.110.00 - —
l.c.l., ex whse....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton.95.00 - —
c.l., delvd....ton.100.00 - —
l.c.l., ex whse....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd....ton.115.00 - —
l.c.l., ex whse....ton.120.00 -125.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd....ton.105.00 - —
l.c.l., ex whse....ton.110.00 -125.00
USP., $25 per ton higher.
Broenner's, bbls....lb. 1.16 - 1.21
Butyric, 95%, w.w., cbys.,works, lb. .25 - .30
edible, cbys., works....lb. 1.20 - 1.30
synthetic, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis....lb. .23 - —
tanks, same basis....lb. .21 - —
Camphoric, cans....lb. 5.50 - —
Capreic, cans....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms....lb. .17 - .17½
Chicago, bbls....lb. 2.10 - —
Chinawood oil, dms....lb. .20 - .21
Chlorosulphonic, dms....lb. .03½- .05
Chromic, 99%, dms., delvd, N.Y. lb. .14¾- .16¾
Cinnamic, refd., bots....lb. 2.85 - 3.25
Citric, cryst., bbls....lb. .26 - —
kegs ....lb. .26½- —
gran., bbls....lb. .26 - —
kegs ....lb. .26½- —
powds, bbls....lb. .26½- —
anhyd., gran., dms....lb. .29 - —
powd., dms....lb. .29½- —
Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.
Cleve's, bbls....lb. .52 - .54
Coconut oil, white, dms....lb. .09½- .10¼
Cottonseed oil, dms....lb. .07½- .08
Cresylic, 99%, high-boil, straw color, dms., c.l., f.o.b. seaboard, fr't. equald. E. producing points..gal. .73 - .74
l.c.l., same basis....gal. .75 - —
c.l., West fr't. equald. M.W. prod. points..gal. .74 - .75
l.c.l., same basis....gal. .76 - —
low-boil, straw color, dms., over 500 gals., frt. equald.nearest competitive prod. point....gal. .81 - —
less 500 gals., same basis. gal. .83 - —
Acid, cresylic, spec. resin grade, high-boil, dms., over 500 gals., same basis.. gal. .71 - .72
less 500 gals., same basis gal. .73 - —
imported, drums....gal. .79 - .94
Crotonic, dms., works....lb. .90 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls....lb. .77 - .79
Formic, dom., 90%, cbys., c.l..lb. .11 - .11½
l.c.l. ....lb. .12 - .13
imported, cbys....lb. .11 - .12
Fumaric, bbls....lb. .60 - —
Gallic, tech., bbls....lb. .65 - .68
USP. IX, bbls....lb. .77 - .80
Gamma, bbls....lb. .80 - .84
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls....lb. .50 - .55
Hempseed oil, dms....lb. .1180-.1225
Hydriodic, 47%, bots....lb. 2.20 - 2.25
57%, bots....lb. 2.65 - 2.70
Hydrobromic, 10%, USP,cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.30
Hydrofluoric, 30%, bbls....lb. .07 - .07½
lead, cbys....lb. .09 - .09½
48%, lead cbys....lb. .11½- .12
52%, lead cbys....lb. .12½- .13
60%, lead cbys....lb. .15 - .15½
Hydrofluosilicic, 30-35%, bbls.lb. .10½- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Koch, bbls....lb. .36 - .37
Lactic, 22%, dark, bbls....lb. .04½- .05
light, refined, bbls....lb. .06½- .07
44%, dark, bbls....lb. .09½- .10
light, refined, bbls....lb. .11½- .12
USP, X, 85%, cbys....lb. .45 - .50
USP, VIII, 75%, cbys....lb. .43 - .48
Linseed oil, dark or light, dms..lb. .1290- .1330
tanks ....lb. .1230- —
extra white, dms....lb. .11 - .11½
split, dms....lb. .07¾- .08
refined, dms....lb. .08½- .09
Laurent's, bbls....lb. .46 - .47
Maleic, powd., dms....lb. .29 - .40
anhydride, dms....lb. .32 - .43
Malic, powd., kegs....lb. .45 - .60
Mixed, tanks, nitric unit....lb. .06½- .07½
sulphuric unit....lb. .0085- .009
Monochloracetic, tech., bbls..lb. .16 - .18
99%, bbls....lb. .18 - .20
Monosulphonic, bbls....lb. 1.50 - 1.60
Muriatic, 18°, cbys, c.l., works, 100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works....100 lbs. 1.00 - —
20°, cbys, c.l., works..100 lbs. 1.45 - —
l.c.l., 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
5 to 9, works..100 lbs. 2.05 - —
1 to 4, works..100 lbs. 3.00 - —
truckloads, delvd...100 lbs. 1.70 - —
tanks, works....100 lbs. 1.10 - —
22°, cbys, c.l., works.100 lbs. 1.95 - —
l.c.l., 25 and over, works, 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.35 - —
5 to 9, works..100 lbs. 2.55 - —
1 to 4, works..100 lbs. 3.50 - —
truckloads, delvd..100 lbs. 2.20 - —
tanks, works....100 lbs. 1.60 - —
CP, cbys....lb. .06½- .07½
6-lb. bots....lb. .08½- .12½
Naphthenic, S.V. 120-200, dms, lb. .07 - .09
210-230, dms....lb. .10 - .12
240-280, dms....lb. .11 - .14
sludges, dms....lb. .06 - .10
Nevile & Winther's, bbls....lb. .85 - .87
Nitric, 36°, cbys, c.l., works, 100 lbs. 5.00 - —
l.c.l., 25 and over, works, 100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
5 to 9, works..100 lbs. 5.60 - —
1 to 4, works..100 lbs. 6.50 - —
truckloads, delvd..100 lbs. 5.25 - —
38°, cbys, c.l., works..100 lbs. 5.50 - —
l.c.l., 25 and over, works, 100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
5 to 9, works..100 lbs. 6.10 - —
1 to 4, works..100 lbs. 7.00 - —
truckloads, delvd...100 lbs. 5.75 - —
40°, cbys, c.l., works..100 lbs. 6.00 - —
l.c.l., 25 and over, works, 100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
5 to 9, works..100 lbs. 6.60 - —
1 to 4, works..100 lbs. 7.50 - —
truckloads, delvd...100 lbs. 6.25 - —
42°, cbys, c.l., works..100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.90 - —
5 to 9, works..100 lbs. 7.10 - —
1 to 4, works..100 lbs. 8.00 - —
truckloads, delvd...100 lbs. 6.75 - —
CP, cbys....lb. .11½- .12½
7-lb. bots....lb. .12½- .22½
Prices of yellow nitric acid 25c. per 100 lbs. below those above.
Oleum (see sulphuric fuming).
Oxalic, dom., bbls....lb. .11½- .12¼
Palm oil, dms....lb. .0780-.0825
Para-aminobenzoic, bbls., frt. all'd..lb. 1.25 - 1.30
Peri, bbls....lb. .62 - —
Perilla oil, dms....lb. .1110-.1150
Phenylacetic, bots....lb. 2.00 - 3.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys....lb. .09 - —
USP, 85%, s.g. 1.710, djns.lb. .14 - .15
50%, s.g. 1.347, cbys, djns., lb. .14 - —
10%, dilut., cbys, djns..lb. .07 - .07½
Acid, picramic, kgs....lb. .65 - .70
Picric, bbls., c.l....lb. .30 - —
l.c.l. ....lb. .35 - .40
Propionic, ref., cbys., work..lb. .25 - —
dms., works ....lb. .22 - —
tech., cbys., works....lb. .20 - —
dms., works ....lb. .16 - —
Pyrogallic, cryst., cns....lb. 1.55 - 1.65
resubl, cns....lb. 1.90 - 2.00
Rapeseed oil, dms....lb. .12 - .13
Ricinoleic, dms....lb. .20 - .28
Salicylic, tech., bbls....lb. .40 - —
USP, bbls....lb. .40 - .45
Sardine oil, dms....lb. .09¼- .09½
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works....lb. .37 - .41
Soybean oil, dms....lb. .09¾- .10¼
Stearic, distil., double pressed, bgs., dlvd..lb. .09½- .10½
single pressed, bgs., delvd.lb. .09 - .10
triple pressed, bgs., delvd.lb. .12¼- .13¼
saponif., double pressed, bgs., delvd..lb. .10 - .11
triple pressed, bgs., dlvd..lb. .13 - .14
Succinic, bbls....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works....lb. .18 - .19
Sulphonaphthenic, dms....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., works, 100 lbs. 1.10 - —
l.c.l., 25 and over, works, 100 lbs. 1.35 - —
10 to 24, works..100 lbs. 1.50 - —
5 to 9, works..100 lbs. 1.70 - —
1 to 4, works..100 lbs. 2.65 - —
tanks, works....ton.11.00 - —
66°, cbys., c.l., E works. 100 lbs. 1.35 - —
mid-W works....100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24 works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works....ton.15.50 - —
98%, tanks, works....ton.16.50 - —
CP, cbys....lb. .06½- .07½
9-lb. bots....lb. .08½- .17½
fuming, 20%, tanks, works.ton.18.50 - —
Sunflower seed oil, dms....lb. .16 - .16¾
Tannic, tech., bbls....lb. .19 - .25
USP, fluffy, bbls....lb. .83 - .88
Tartaric, USP, dom., cryst., gran., powd., bbls....lb. .24 - —
kgs. ....lb. .24½- —
Tobias, bbls....lb. .70 - .72½
Trichloracetic, bots....lb. 2.45 - 2.50
Tungstic, CP, kgs....lb. 2.45 - 2.70
tech., kgs....lb. 1.50 - 1.60
Aconite leaves, bls....lb. .22 - .24
Root, bls....lb. .26 - .27
Aconitine, amorph., vis....oz.17.00 - —
cryst., vis....oz.30.00 - —
Adeps, lanae, anhyd., dms....lb. .17½- .19
hyd., dms. ....lb. .16 - .18
Agar Agar, 1, bls....lb. .72 - .73
2, bls....lb. .65 - .66
3, bls....lb. .59 - .60
Agaric, white, bls....lb. 4.50 - 4.75
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .12 - —
ton lots, Chicago....lb. .13 - —
less than ton, Chicago.lb. .15 - .17
powd., bgs., c.l., Chicago.lb. .13 - —
ton lots, Chicago....lb. .15 - —
less than ton, Chicago.lb. .17 - .20
light, dom., flake, grade 1, dms., Chicago..lb. .50 - .60
2, dms., Chicago....lb. .45 - .50
import, bgs. ....lb. .50 - —
Egg, ed., dom., bbls....lb. 1.05 - —
import, cs. ....lb. .79 - .81
Milk, grd., sks., c.l....ton. No stocks
ungrd., sks., c.l....ton. No stocks
Vegetable ed., bbls., works..lb. .65 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., dlvd..lb. .15 - —
l.c.l., dlvd. ....lb. .157 - —
tanks, dlvd. ....lb. .143 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l. frt. alld....lb. .10 - —
tanks, frt. alld....lb. .08½- —
Benzyl, bots. ....lb. .65 - 1.20
Butyl, normal, dms., c.l., frt. alld..lb. .09½- —
l.c.l., frt., alld....lb. .10 - —
tanks, frt. alld....lb. .08½- —
secondary, dms., c.l., f.o.b. dest..lb. .08½- —
l.c.l., f.o.b. dest....lb. .09 - —
tanks, f.o.b. dest....lb. .07½- —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capyrl, pure, dms., works...lb. 2.80 - —
tech., dms., works....lb. .85 - —
Cetyl., dom., C.P., fiber, ctns, 1,000 lbs..lb. 1.50 - —
500 lbs. ....lb. 1.70 - —
100 lbs....lb. 1.80 - —
25 lbs. ....lb. 1.90 - —
5 lbs....lb. 2.00 - —
com'l, dms. ....lb. .95 - —
import., 85%, dms., 100 lbs..lb. .55 - —
5 to 10 lbs....lb. .75 - —
com'l, dms., 350 lbs....lb. .40 - —
Cinnamic, bots. ....lb. 3.40 - 3.50
Denatured, CD11, 12, 13, dms. c.l. dlvd. E..gal. .34 - —
Prices for territories other than E. of Rockies, 5c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf., bbls., c.l., E, works..gal. .29 - —
l.c.l., 5 to 19, E. works, gal. .35 - —
1 to 4, E. works....gal. .37 - —

Acacia—Alumina Chloride

Alcohol, denat., SD1, 190 pf., dms., c.l., E. works...gal. .26 - —
f.o.b. W. points...gal. .39 - —
l.c.l., 20, E. works..gal. .30 - —
5 to 19, E. works..gal. .34 - —
1 to 4, E. works...gal. .38 - —
l.c.l., f.o.b. W. points, gal. .43 - —
tanks, E. works....gal. .23 - —
Anhydrous, 5c. per gal. higher. W. points are:—C.l., Los Angeles, Portland, San Francisco, Seattle, Tacoma; l.c.l., Los Angeles, San Francisco.
Special solvent, dms., c.l., E. works..gal. .29 - —
f.o.b. W. points....gal. .40 - —
l.c.l., 10 to 71, f.o.b. W. points..gal. .50 - —
20, E. works....gal. .31 - —
5 to 19, E. works....gal. .35 - —
5 to 9, f.o.b. W. points, gal. .52 - —
1 to 4, E. works....gal. .37 - —
f.o.b. W. points...gal. .54 - —
1 or more for paint mfrs. or jobbers, f.o.b. W. points..gal. .44 - —
tanks, E. works....gal. .24 - —
f.o.b. W. points....gal. .35 - —
Tankcar sales require written authorization by Alcohol Tax Unit. W. points are:—C.l., Los Angeles, Portland, San Francisco, Seattle, Tacoma; l.c.l., Los Angeles, San Francisco.
Diacetone, pure, contract, dms., c.l., frt. alld....lb. .13 - —
l.c.l., frt. alld....lb. .18½- —
tech., contract, dms, c.l., frt. alld. ....lb. .17 - —
l.c.l., frt. alld....lb. .17½- —
Ethyl, 190 pf., ex molasses, bbls., c.l. ....gal. 4.13 - —
l.c.l. ....gal. 4.15 - 4.25
dms., c.l. ....gal. 4.12 - —
l.c.l. ....gal. 4.14 - 4.24
tanks ....gal. 4.07 - —
absolute, dms. ....gal. 4.54 - 4.66½
Grain alcohol 25c. per gal. higher.
Hexyl, secondary, dms., c.l., f.o.b., dest. ....lb. 1.25 - —
l.c.l., f.o.b. dest....lb. .13 - —
tanks, f.o.b. dest....lb. .115 - —
Isoamyl, primary, dms., l.c.l., dlvd. ....lb. .27 - —
cans, works ....lb. .32 - —
Isobutyl, refd., dms., c.l. works, frt. alld. E. of Rockies.lb. .09¾- —
l.c.l., same terms....lb. .10 - —
tanks, same terms....lb. .08½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest. or Miss. crossing ....gal. .55 - —
l.c.l., same terms....gal. .60 - .90
98%, dms., c.l., same terms. gal. .70 - —
l.c.l., same terms....gal. .75 - —
denat. grd., dms., c.l., frt. alld..gal. .32 - —
l.c.l., ft. alld....gal. .32 - —
Methyl (see Methanol)
Phenylethyl, bots. ....lb. 2.65 - 2.75
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works....lb. .23 - —
Aletris root, bgs....lb. .30 - .31
Alizarin (see Red, alizarin)
Alkanet root, bgs....lb. .10 - .11
Aloe, Barbados, true, cs....lb. .85 - .90
Cape, cs. ....lb. .22 - .23
Curacao, cs....lb. .21 - .22
gourds, bbls....lb. .50 - .51
Socotrine, kgs....lb. .35 - .38
Aloin, bbls., cns....lb. 1.50 - 1.55
Alphanaphthol, bbls....lb. .60 - .68
Alphanaphthylamine, bbls....lb. .33 - .37
Althea root, cube cut, bls....lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works....100 lbs. 2.75 - 3.00
dlvd. N.Y., Phila...100 lbs. 2.90 -
lump, bbls., works....100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 -
powd., bbls., works...100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila...100 lbs. 3.30 -
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex-warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.
Potash, gran., bbls., works.... 100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 -
lump, bbls., works....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 -
powd., bbls., works....100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila...100 lbs. 3.55 -
Potash alum prices on same basis as those for ammonia alum.
Potash-chrome, bbls....lb. .07 - .07½
Soda, bbls., c.l., works..100 lbs. 3.25 -
l.c.l., dlvd....100 lbs. 4.25 - 5.00
Alumina acetate, CP, 20% solut., bbls..lb. .09 - .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .05 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works..lb. .08 - —
100 lbs. or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works lb. .06½- .07
solut., dms., works....lb. .08 - .08½

Alumina Hydr.—Amyl Caproate

Alumina hydrate, heavy, bbls., 20 and over, works..lb. .04 - ..
less than 20, works.....lb. .04¼- —
light, bbls., dlvd.....lb. .13 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls., ton.lb. .21 - —
smaller lots.....lb. .22 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
l.c.l., ton.....lb. .19 - —
less than ton.....lb. .20 - —
Sulphate, com'l, bgs., c.l., works, frt. equald.100 lbs. 1.35 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
Iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.60
truckload, dlvd, met. N.Y. 100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y.. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N. Y. 100 lbs. 3.30 - —
bbls., c.l., works....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - 2.60
truckloads, dlvd., met.N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
5 to 9, dlvd, met, N.Y. 100 lbs. 3.00 - —
1 to 4, dlvd, met. N.Y. 100 lbs. 3.50 - —

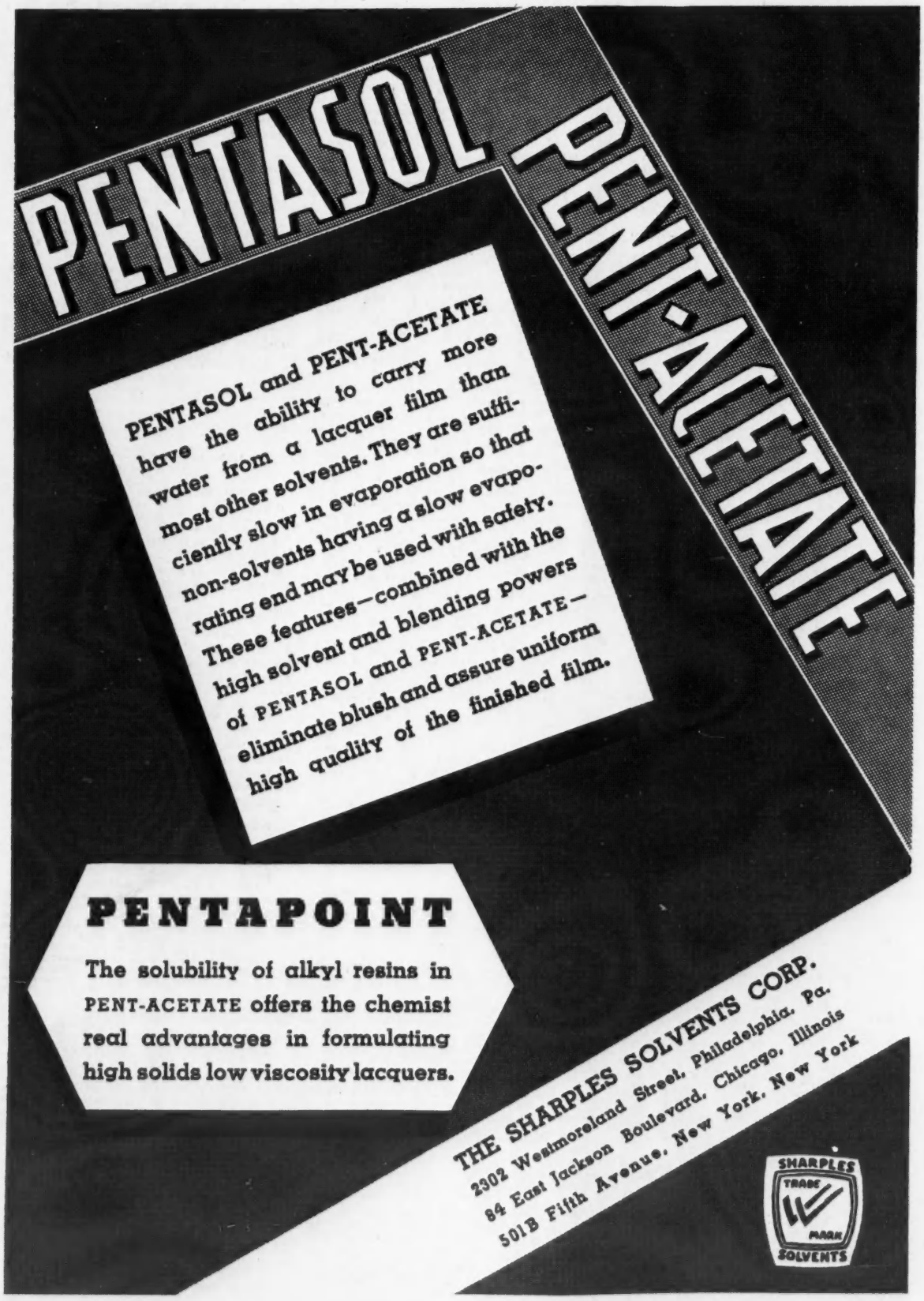
Aluminum, 98-99%, dms., c.l...lb. .19 - .19½
l.c.l. .....lb. .20 - .21
Powder, dry, lining, ext. fine, dms., 30,000 lbs.; f.o.b. ship. pt. (see note below) .....lb. .90 - —
3,000-30,000 lbs., same basis—lb. .92 - —
1,000-3,000 lbs., same basis—lb. .95 - —
less than 1,000 lbs., same basis..lb. 1.00 - —
standard, dms., 30,000 lbs., same basis..lb. .50 - —
3,000-30,000 lbs., same basis—lb. .52 - —
1,000-3,000 lbs., same basis—lb. .55 - —
less than 1,000 lbs., same basis..lb. .60 - —
litho. ext. brilnt., dms, 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis—lb. .42 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 bs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .43 - —
less than 1,000 lbs., same basis..lb. .50 - —

Aluminum powder, dry wall-paper, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
rubber comp., dms., 30,000 lbs., same basis..lb. .39 - —
3,000-30,000 lbs., same basis..lb. .41 - —
1,000-3,000 lbs., same basis..lb. .44 - —
less than 1,000 lbs., same basis..lb. .49 - —
unpolished, standard, dms., 30,000 lbs., same basis .....lb. .35 - —
3,000-30,000 lbs., same basis..lb. .37 - —
1,000-3,000 lbs., same basis..lb. .40 - —
less than 1,000 lbs., same basis..lb. .45 - —
varnish, ext. brilliant, dms., 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis..lb. .43 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —

Aluminum powder, dry, varnish, standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
paste, fine lining, dms., 30,000 lbs., same basis lb. .65 - —
3,000-30,000 lbs., same basis..lb. .67 - —
1,000-3,000 lbs., same basis..lb. .70 - —
less than 1,000 lbs., same basis..lb. .75 - —
extra dms., 30,000 lbs., same basis..lb. .70 - —
3,000-30,000 lbs., same basis..lb. .72 - —
1,000-3,000 lbs., same basis..lb. .75 - —
less than 1,000 lbs., same basis..lb. .80 - —
ink, dms., 30,000 lbs., same basis..lb. .80 - —
3,000-30,000 lbs, same basis..lb. .82 - —
1,000-3,000 lbs, same basis..lb. .85 - —
less than 1,000 lbs., same basis..lb. .90 - —
ink, dms., 30,000 lbs., same basis..lb. .75 - —
3,000-30,000 lbs., same basis..lb. .77 - —
1,000-3,000 lbs., same basis..lb. .80 - —
less than 1,000 lbs., same basis..lb. .85 - —
standard, dms., 30,000 lbs., same basis..lb. .43 - —
3,000-30,000 lbs., same basis..lbs. .45 - —
1,000-3,000 lbs., same basis..lb. .48 - —
less than 1,000 lbs., same basis..lb. .53 - —

Aluminum powder and paste, c.l., prices 2c. per lb. below 30,000-lb. prices. Deduction equivalent to full freight rate allowed in quantities of 200 lbs. or over, where shipping point and destination are both E. of Miss. river; where destination is W. of Miss., but shipping point is E., deduction will be equivalent to the full freight rate only to the Miss. river; shipments ex whse. W. of Miss. net subject to freight allowance. Deliveries ex whse. extra as follows:—Chicago, Cleveland, Detroit, St. Louis, ¼c.; Houston Kansas City, ½c.; Los Angeles, Portland, San Francisco and Seattle, 1c.; Dallas, Tulsa, ¾c.; Denver, 2c.

Ambergris, gray, tins.....oz.22.00 -35.00
Amidopyrene, cs.....lb. 4.00 - 4.10
Ammonia, anhyd., fertilizer, tanks (50,000 lbs.) works....lb. .04½- —
refrigeration, tanks, works..lb.. .05½ —
pure, cyls., dlvd., met. N.Y. lb. .16 - .22
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Acetate, kgs.....lb. .26 - .33
Aldehyde, dms.....lbs. .65 - .70
Aqua, 26°, cbys.....lb. .05½- —
dms., c.l.....lb. .02½- —
l.c.l. .....lb. .02¾- —
tanks (on NH_3 content)..lb. .05 - .05½
tankwagons .....lb. .024 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd. N. Y....100 lbs. 5.71 - —
Bifluoride, bbls.....lb. .15 - .17
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - .36
Carbonate, tech., dom., bbls.lb. .08 - .12½
imported, cks.....lb. .08 - .12½
USP, lump, bbls.....lb. .06 - .09
cks .....lb. .07 - —
powd., bbls.....lb. .09 - .10
Chloride, tech. (see Ammoniac, sal)
USP, gran., bbls.....lb. .12½- .13
Citrate, kgs.....lb. .80 - .86
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, bbls.....lb. 1.10 - 1.15
Iodide, jars.....lb. 3.40 - 3.45
Laurate, bbls.....lb. .10 - —
Linoleate, 8%, anhyd., bbls.lb. .11 - —
Naphthenate, bbls.....lb. .11 - —
Nitrate, tech., cks.....lb. .04 Nom.
Oleate, bbls.....lb. .10 - —
Oxalate, neutral, cryst., powd., bbls..lb. .26 - .27
pure, cryst., bbls., kgs....lb. .27 - .28
Perchlorate, kgs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .22½
Phosphate, dibasic, NF, bbls.lb. .34 - .36
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, pure, bbls.....lb. .40 - .42
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP, kgs.....lb. 1.15 - 1.29
Sulphate, dom., bulk, c.l., Aug. dlvy., dlvd., Ill., Ind., Mich., Ohio..ton.23.00 - —
f.o.b. cars, Atlantic, Gulf, ports..ton.25.00 - —
Birmingham, Ala., ovens..ton.25.00 - —
Northern ovens...ton.23.00 - —
barge lots, Sparrows Point, Md., Brooklyn, N. Y.ton.24.00 - —
Ammonia sulphate, domestic, for Sept.-Nov. delivery is 50c. per ton additional; Dec.-June delivery is $1 per ton additional.
dbl. bgs., export, f.a.s. N.Y., ton. No prices
imports., bulk, c.i.f. Atlantic ports..ton. No prices
bgs., c.i.f. Atlantic ports.ton. No prices
Sulphide, liquid, dms.....lb. .15 - —
tanks .....lb. .12 - —
Sulphocyanide, kgs.....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal. gray. dom., bbls. c.l. 100 lbs. 5.00 - 5.25
l.c.l. .....100 lbs. 5.50 - 5.75
import, gran., cake.....lb. .05½- .06
lump, bbls.....lb. .10½- .13
white, gran., dom., bbls., contracts, works..100 lbs. 4.45 - 5.05
imports., cakes.....100 lbs. 4.45 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .12 - .13
l.c.l., frt. alld.....lb. .12½- .13½
tanks, works.....lb. .11 - .12
ex pentane, dms., c.l., dlvd, lb. .142 - —
l.c.l., dlvd.....lb. .149 - —
tanks, dlvd.....lb. .135 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l., f.o.b. dest.....lb. .10 - —
tanks, f.o.b. dest.....lb. .08½- —
Alcohol (see Alcohol, amyl).
Butyrate, bots.....lb. .90 - 1.00
Caproate, cns.....lb. 2.75 - —


PENTASOL
PENT-ACETATE
PENTASOL and PENT-ACETATE have the ability to carry more water from a lacquer film than most other solvents. They are sufficiently slow in evaporation so that non-solvents having a slow evaporating end may be used with safety. These features—combined with the high solvent and blending powers of PENTASOL and PENT-ACETATE—eliminate blush and assure uniform high quality of the finished film.
PENTAPOINT
The solubility of alkyl resins in PENT-ACETATE offers the chemist real advantages in formulating high solids low viscosity lacquers.
THE SHARPLES SOLVENTS CORP.
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SHARPLES TRADE MARK SOLVENTS

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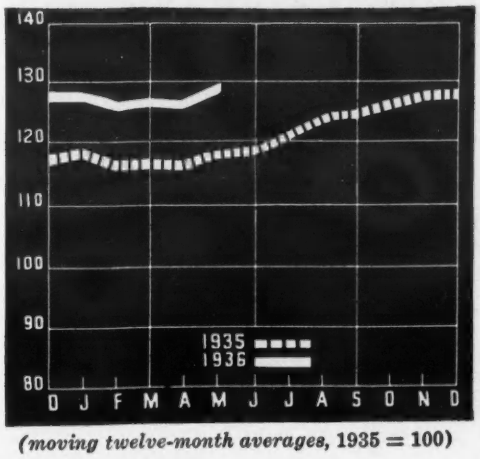
USI **ALCOHOL NEWS** USI

AUGUST ★ A Monthly Series of Technical Articles for Chemists and Executives ★ 1936

ETHYL ALCOHOL PRODUCTION



(moving twelve-month averages, 1935 = 100)

ETHYL ALCOHOL

		1936	1935
Production			
1000 proof gals.	Jan.-May	66,310	64,927
	May	14,537	15,791
	April	11,948	14,235
Withdrawals			
1000 proof gals.	Jan.-May	63,941	57,267
	May	15,165	11,723
	April	12,656	10,886

MAY ALCOHOL FIGURES REACH HIGH POINT FOR YEAR 1936

Increased Withdrawals Reflect Industrial Activity

Production and withdrawals of ethyl alcohol increased during May to reach high points for 1936. Increased production is, in part, to provide stocks for winter anti-freeze requirements. Greater withdrawals doubtless are a reflection of the general increase in industrial activity which has taken place throughout the country.

May, 1936, production amounted to 14,537,000 proof gallons (7,268,500 wine gallons). While this figure is high for 1936, it is somewhat below the figure for May, 1935—15,791,000 proof gallons.

Withdrawals of ethyl alcohol from bonded warehouses were in the amount of 15,165,000 proof gallons (7,582,500 wine gallons) in May, 1936, showing a good increase over the previous year when withdrawals reached only 11,723,000 proof gallons in May.

NAIL POLISH PLASTICIZERS

Plasticizers impart the qualities of flexibility and extensibility to nitrocellulose lacquer nail polishes, and thus contribute to proper adhesion. Success in obtaining a high grade product having these desired characteristics depends, however, on the proper selection and blending of plasticizers.

Since the plasticizer remains in contact with the surface of the nail and does not evaporate, as do solvents, it must be neutral and passive. It must not act upon or discolor the nail, and must withstand the materials with which the hands normally come in contact.

The liquid plasticizers, dibutyl phthalate and diamyl phthalate, are in most general use, supplemented by solid plasticizers such as camphor and certain synthetic resins.

(Continued on next page)

POSSIBILITY OF GREATLY BROADENING THE MARKET FOR HAIR TONICS IS FORESEEN

Continued Improvement in Therapeutic Value and Special Appeal to Masculine Tastes Stressed

Hair tonic is the type of product which can be sold to an extremely broad market, providing it meets the needs of consumers and is adequately promoted through advertising. One authority believes that sales can be increased 100% with properly directed efforts. While better tonics for the treatment of the common ailments of the scalp and hair are being developed and made more appealing to users, continued progress will unquestionably result in an even broader and more profitable market.

Therapeutic Tonics

An extension of this market may involve the development of new formulas which will have greater therapeutic value than older ones. Tonics can be formulated with particular regard to the physiological conditions of the body which affect hair. Tonics which have the combined properties of cleansing and stimulating the scalp will probably always deserve their places in the market, and those preparations which are used for grooming the hair will undoubtedly become more popular. Advertising has greatly increased the sale of many products designed to improve appearance, and should continue to do so.

New preparations and many tonics in current use can be utilized to preserve the hair and to stimulate its growth, but none can restore hair which has fallen out. Once the hair follicles are dead, a new growth cannot be induced, but when they are dormant, a tonic can help to stimulate growth. Tonic should be used to keep the scalp in good condition, and should be considered a preventive application.

The use of hair tonic has been increasing steadily for many years, and con-

(Continued on next page)

ALCOHOL FOR CERTAIN INDUSTRIAL PURPOSES TAXED IN KENTUCKY

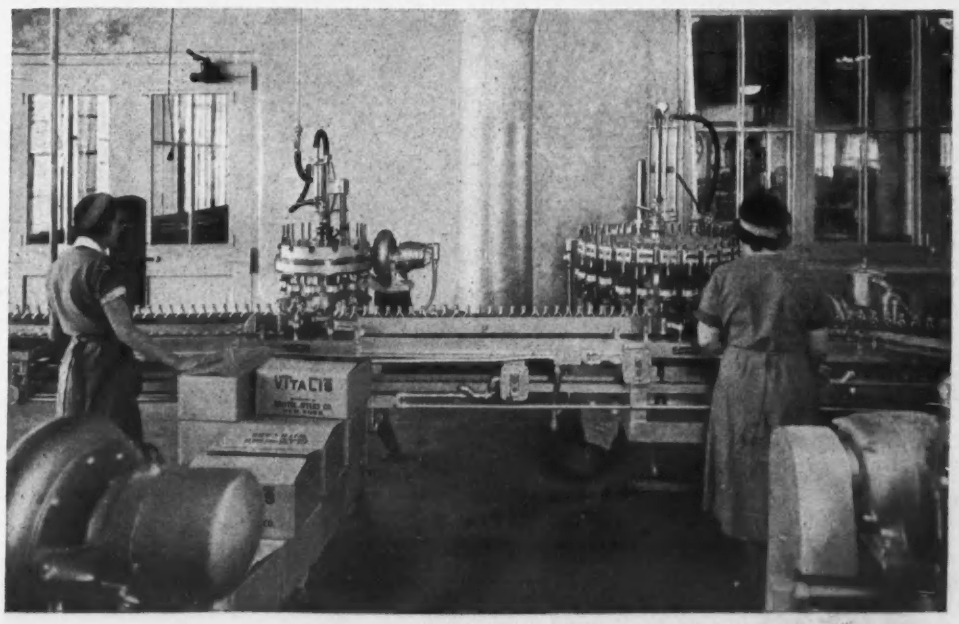
Applies on Alcohol for Hospitals, Drugs

A law imposing a tax of $1.04 on each wine gallon of spirits recently became effective in the State of Kentucky. The tax is held to apply to alcoholic beverages and may apply to all alcohol for industrial purposes with the exception of methanol and denatured alcohol. Since hospitals use large quantities of pure alcohol, this law may work particular hardship on them; educational institutions maintaining laboratories may also be compelled to pay the tax on purchases of alcohol. Furthermore, the cost of many drugs and medicinal preparations made with alcohol may be higher if the law does apply.

The law, entitled "An Act relating to revenue and taxation on the sale and distribution of alcoholic beverages," apparently was not intended to apply to industrial alcohol.

It is urged that all users of pure alcohol for industrial purposes in the State of Kentucky protest to the Commissioner of Revenue, the Attorney-General and their legislators, showing the nature of the hardship caused.

Plastic re-surfacing of conveyor belts can now be accomplished with a new rubber material. Application is in paste form and no heat or machine equipment is required. Shrinkage is negligible, and the wearing quality of the resurfaced belt is said to be almost equal to that of the new belting.



Courtesy of "The Glass Packer" and the Bristol-Myers Company

HAIR TONIC is bottled by automatic machinery in this large modern plant. One of the best known brands of tonic is prepared for the market here.

Prepared Monthly by the U. S. Industrial Alcohol Co.

ADVERTISEMENT—*This entire page is a paid advertisement.*

AUGUST ★ **ALCOHOL NEWS** ★ 1936

NEW T.D.'s SINCE JUNE

All persons concerned with pure ethyl alcohol should direct their attention to the new Treasury Decisions which have been made recently.

Manufacturing, warehousing, withdrawal, sale and use of pure alcohol have been affected by the new T. D.'s issued since June. All have been promulgated under the Liquor Law Enforcement Act of 1936, approved June 25, 1936, and the Liquor Tax Administration Act, approved June 26, 1936.

MARKET FOR HAIR TONICS

(Continued from preceding page)

sumption now amounts to several hundreds of thousands of gallons annually. Sales promotion and advertising can make this volume still larger. It should be possible to increase the consumption by younger men; boys can use it to a greater extent to keep hair in place.

Hundreds of formulas have been tried, and doubtless many improvements have resulted from experiments. Although most tonics are a combination of a number of materials, several principal types may be mentioned. Today tonics with the following principal components are popular: quinine, castor oil, petroleum derivatives, bay rum, and cholesterin. These materials are often used together in varying proportions and with many other items such as glycerin, capsicum tincture, etc. In practically all formulas alcohol is an essential ingredient.

Importance of Alcohol

Alcohol is a part of most tonic formulas because it has multiple advantages not met by any other material. Alcohol combines well with the other ingredients used in the formulation, and has valuable properties in itself. It is a good solvent of the excretions of the glands of the scalp, and therefore acts as an excellent cleansing agent. At the same time, alcohol has a marked stimulating action. This is valuable, for it serves to invigorate the glands of the scalp. Alcohol is excellent as an antiseptic, is cooling, and pleasant in effect. Almost all tonics are perfumed, and alcohol helps here too because the perfume essences are dissolved and diffused by the action of alcohol.

Perfuming Tonics

Hair tonics have been perfumed almost from their "beginning," and the "Barber Shop Rose" is known too well by many. Barber supply houses are gradually getting away from this odor, and are substituting floral bouquets. Whatever odor is employed, very little of it is necessary, for odors are stubbornly retained by the hair.

It has been suggested that the popularity and sale of tonics can be materially increased by the use of mild odors which have a definite masculine appeal.

A more exact adaption of present day tonics to the needs of consumers, coupled with adequate promotion plans, can perhaps tremendously increase the scope of the market.

ALCOHOL FOR HAIR TONICS OFFERED BY U.S.I.

The Specially Denatured Alcohol used in the preparations of some of the best known brands of hair tonic is supplied by the U. S. Industrial Alcohol Co.

The S. D. formulas authorized for this use are manufactured by U.S.I. in rigid conformity with Government specifications, and are made with a uniform high grade of ethyl alcohol.

These formulas for "Barber's supply preparations" are available to qualified purchasers. Composition is given below:

S. D. Formula No. 39

To 100 gallons of ethyl alcohol add:
9 pounds sodium salicylate, U.S.P.
or
9 pounds salicylic acid
1¼ gallons fluid extract quassia, U.S.P.
⅛ gallon of denaturing grade tertiary butyl alcohol

S. D. Formula No. 39A

To 100 gallons of ethyl alcohol add:
60 ounces of any one of the following U.S.P. alkaloids or salts: quinine, quinine bisulphate, quinine hydrochloride, cinchonidine, or cinchonidine sulphate
⅛ gallon of denaturing grade tertiary butyl alcohol

S. D. Formula No. 39B

To 100 gallons of ethyl alcohol add:
2½ gallons diethyl phthalate and
⅛ gallon of denaturing grade tertiary butyl alcohol

NAIL POLISH PLASTICIZERS

(Continued from preceding page)

Blending of these two types of plasticizers is often done to obtain a polish which will have sufficient flexibility, good adhesive qualities, and will be durable enough to withstand reasonable wear.

TECHNICAL DEVELOPMENTS

The items in this column are gathered from many varied sources. Further information may be obtained by writing to U. S. I.

U S I

A new series of floral essences is being offered to the trade. The materials are said to have the cooling and refreshing effect of eau de cologne, and can be used for perfuming lotions and creams, as well as for a new and different type of cologne. Products intended to have masculine appeal can be perfumed with the new odors.

U S I

Dispensing of light or viscous liquids or heavy oils may be accomplished with pressure equipment of improved design. The containers are placed under a sealed dome and a delivery hose, a gauge and air and dispensing valves are included in the assembly. Several sizes are available for various capacity drums.

U S I

Rotary tablet presses of new design have been placed in operation in a number of plants. The principal feature is an indicator graduated by tablet diameter to facilitate setting the machine. An anti-capping device enables machine output to be stepped up.

U S I

Intense black can be imparted to mascara, lozenges, cough drops, flavored medicinals, etc., by the use of a new colloidal carbon intensified with vegetable and aniline food colors. It is claimed that most intense blacks are secured and grittiness and other difficulties are eliminated.

U S I

New dispersing agents, known as polymerized organic salts of sulphonic acids of the alkylaryl type, have been placed on the market. It is claimed that they are true dispersing agents whose functions are to disperse and keep dispersed in aqueous environment finely divided solids or small globules of liquids.

U S I

Single dose packages for medicines or cosmetic products are now being marketed. These single-application containers, in the form of a collapsible tube, are reported to be particularly valuable to insure against substitution. Containers are unbreakable, moisture proof, and small enough to be carried easily.

U S I

A new adhesive for use on transparent cellulose wrapping is available. It is claimed that the adhesive is not affected by weather conditions, and it can be used in labeling or sealing machines or can be applied by spraying or brushing. Freedom from odor makes it useful for packaging food products.

U S I

A new cosmetic cream for softening and smoothing the skin has been made by adding fresh albumen to a solution of ethyl alcohol and water. A small amount of aromatic essence is added to the preparation. The process for preparing the product is covered by a U. S. Patent.

U.S. INDUSTRIAL ALCOHOL CO.

WORLD'S LARGEST PRODUCERS OF INDUSTRIAL ALCOHOL

ETHYL ALCOHOL

SPECIALLY DENATURED-*All Formulas* • COMPLETELY DENATURED-*All Formulas* • ANHYDROUS-*Denatured* • ABSOLUTE-*Pure*
SOLOX-*The General Solvent* • U. S. I. *Pyro Brand* DENATURED ALCOHOL • SUPER PYRO *Anti-Freeze*
PURE (190 PROOF) TAX PAID—TAX FREE
U. S. I.—U. S. P.-*Ethyl* • WEBB'S-*Ethyl*

Executive Offices: 60 East 42nd Street, New York, N. Y. Branches in all Principal Cities.

Amyl, chloride, normal, dms., works..lb. .56 - —
small lots, works.....lb. .68 - —
Chlorides, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Nitrite, bots.....lb. 1.80 - 1.85
Salicylate, cans.....lb. .65 - 1.25
Amylene, dms, c.l.....lb. .102 - —
l.c.l.....lb. .11 - —
tanks.....lb. .09 - —
Anethol, bots.....lb. 1.05 - 1.10
Angelica root, dom., bls.....lb. .23 - .25
Import, natural, bls.....lb. .55 - .70
twisted, bls.....lb. .60 - .75
Angostura bark, bls.....lb. .33 - .35
Aniline oil, dms.....lb. .16½- .17½
tanks.....lb. .15 - —
Anise, Russian, bgs.....lb. .09 Nom.
Spanish, bgs.....lb. .11½- .12
Star, bgs.....lb. .14 - .14½
Anisic aldehyde, bots.....lb.. 2.15 - 3.00
Annatto paste, bxs.....lb. .34 - .37
Seed, bgs.....lb. .07 - .08
Anthraquinone, 99.5%, subl., bbls. lb. .50 - .52
Antimony, butter (see Antimony chloride).
Chloride, solut., dom., cbys..lb. .13 - .17
Metal, dom., duty paid.....lb. .10¾- —
import, c.i.f.....lb. .10¾- .13¼
Needle, powd., bbls.....lb. .11½- .12
Oxide, dom., bbls., c.l.....lb. .12¾- .13
l.c.l.....lb. .13½- —
imports, bbls.....lb. .13½- —
Salts, 65 p.c., kgs.....lb. .22 - .25
Sulphuret, golden, bbls.....lb. .22 - .23
White pigment, bgs., Texas works, frt. alld. to ½c. lb. c.l..lb. .10½- .13¼
Antipyrene, cns., ton lots.....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, cns.....oz. 23.70 -23.90
Archil extract, conc., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots., vis..oz. 5.50 - 5.75
Argols, crude, 30%, csks.....lb. .07 - .08
80-85%, csks.....lb. .14 - .15
Arnica flowers, bls.....lb. .22 - .23
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08¾- .09¾
bbls.....lb. .08½- .09
Arsenic iodide (arsenous), bots., jars..lb. 5.15 - 5.20
Metal, lump, cs.....lb. .42 - .48
Red, import., cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs. c.l.....lb. .03½- —
l.c.l.....lb. .04½- —
Japanese, cs.....lb. .03¾- .04¼
Arsenous chloride, liq., bot..lb. 1.85 - —
Asafetida, cs.....lb. .18 - .19
powd., bbls., bxs.....lb. .35 - .37
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.87.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton.35.00 - —
6D, bgs., c.l. (30 tons)..Canad. mines..ton.27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N.Y..lb. .03½- —
AA, bgs., 20 tons, f.o.b. N. Y...lb. .08½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b.N.Y. ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban, A., bgs., c.l., f.o.b. N.Y. ton.60.00 - —
l.c.l., f.o.b.N.Y.....ton.90.00 - —
B, bgs., c.l., f.o.b.N.Y....ton.35.00 - —
l.c.l., f.o.b.N.Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b.N.Y.....lb. .15 - —
Gilsonite, brilliant black, bgs, c.l., Colo. points.....ton.32.90 - —
seconds, bgs., c.l., Colo. points.....ton.25.50 - —
selects, bgs., c.l., Colo., Utah points..ton.30.50 - —
l.c.l., f.o.b., or N.J. or N.Y., whse..ton.49.50 - —
Maltha, dms., c.l., f.o.b.N.Y.ton.29.00 - —
l.c.l., f.o.b.N.Y.....ton.36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum cut-back, bbls., l.c.l., refinery..gal. .13 - —
dms., c.l., refinery.....gal. .12 - —
tanks, Calif., refinery...gal. .05102- —
East Coast, Ill., Ind. refinery..gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo., refinery.....gal. .07½- —
Atropine alkaloid, vis.....oz. 5.25 - 5.50
Sulphate, vis.....oz. 2.25 - 2.85

B

Balm of Gilead buds, bgs....lb. .21 - .23
Barberry bark, bgs.....lb. .10 - .11
Root bark, bls.....lb. .16 - .17
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works. ton.42.00 - —
90% 200 mesh, bgs., c.l., works..ton.45.00 - —
precip., bgs.....ton.56.50 -61.50
Chlorate, kgs.....lb. .15½- .17½
Chloride, CP., cryst., bbls..lb. .18 - .20
tech., dom., cryst., bbls., bgs., c.l., works..ton.72.00 -74.00
l.c.l., delvd., N. Y..ton.83.00 -87.00
Barium dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .15 - .16
Fluosilicate, bbls.....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .05¼- .07½
Iodide, bots.....lb. 4.40 - 4.45
Monoxide (see Oxide).
Nitrate, csks.....lb. .08¼- —
Oxide, dms.....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .13 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex whse., Boston. ton.36.00 - —
Chicago.....ton.30.85 - —
Cleveland.....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St. Louis. ton.22.85 - —
l.c.l., ex car, Baltimore. ton.30.70 - —
Boston.....ton.31.70 - —
Philadelphia.....ton.30.50 - —
ex. whse., Baltimore.ton.32.10 - —
Boston.....ton.35.20 - —
Chicago.....ton.30.85 - —
Cleveland.....ton.33.00 - —
Detroit.....ton.33.00 - —
Kansas City.....ton.30.93 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia.....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto.....ton.39.30 - —
Southern off color, bulk, mines..ton.12.00 - —
95.75%, bulk, mines.....ton.16.00 - —
German, grd., bbls., c.l., ex dock, t.a..ton.24.00 - —
l.c.l., ex whse.....ton.29.00 - —
ungrd., bulk, c.l., ex dock. ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 - —
l.c.l., ex whse.....ton.32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls.....gal. .70 - .75
Bayberry bark, bgs.....lb. .07½- .08
Belladonna leaves, bls.....lb. .14 - .15
Root, bls.....lb. .11 - .12
Bentonite, 1, 96% 300 mesh, bgs., Wyo. works..ton.16.00 - —
2, 92%, 300 mesh, bgs., Wyo., works..ton.11.00 - —
Benzaldehyde, tech., dms.....lb. .60 - .62
USP. IX, dms.....lb. 1.10 - 1.20
USP. X, dms.....lb. 1.30 - 1.35
Benzene (see benzol)
Benzidin base, bbls.....lb. .72 - .74
Benzol, 90%, nitration, pure, dms, works .....gal. .21 - —
tanks, frt. alld. E. of Omaha. gal. .16 - —
Benzol tank prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .45
Peroxide, cns., works.....lb. 1.85 - —
Benzyl acetate, f.f.c., bots....lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.s., f.f.c., tins.lb. .90 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidin acetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, bots.....lb.13.00 - —
Hydrochloride, bots.....lb.13.00 - —
Sulphate, bots.....lb.13.00 - —
Berberis root, bls.....lb. .09 - .10
Betanaphthol, subim., bbls....lb. .55 - —
tech., bbls.....lb. .24 - .27
Benzoate, bxs., kgs.....lb. 2.35 - 2.50
Betanaphthylamine, tech., kgs.lb. .53 - .55
Beth root, bls.....lb. .10 - .11
Bismuth, chloride, bxs.....lb. 3.20 - 3.25
Citrate, USP, VIII, bxs.....lb. 2.65 - 2.70
Hydroxide, bxs.....lb. 3.15 - 3.20
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., jars.....lb. 1.20 - 1.25
Oxychloride, bxs.....lb. 2.95 - 3.00
Subbenzoate, bxs.....lb. 3.25 - 3.30
Subcarbonate, fib. dms.....lb. 1.40 - 1.45
X-ray, bots., fib. dms.....lb. 2.60 - 2.65
Subgallate, bbls.....lb. 1.50 - 1.55
Subiodide, bots.....lb. 3.88 - 3.98
Subnitrate, powd., bots., fib. dms..lb. 1.30 - 1.35
Subsalicylate, 62-66%, bbls...lb. 2.35 - 2.40
Sulphocarbolate, bots.....lb. 3.60 - 3.65
Trioxide, powd., bxs.....lb. 3.45 - 3.50
Bismuth-ammonia citrate, USP, powd., cns..lb. 3.30 - 3.35
Bismuth-betanaphthol, bxs.....lb. 3.05 - 3.10
Black, bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .15 - —
l.c.l., frt. alld. E.....lb. .15½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .11½- —
l.c.l., frt. alld. E.....lb. .12 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .10 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
6, bbls., bgs., c.l., frt. alld. E..lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .06 - —
l.c.l., frt. alld. E.....lb. .08½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd.....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
l.c.l., dlvd.....lb. .30 - —
cs., l.c.l., dlvd.....lb. .32 - —
5, bgs., c.l., works.....lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .65 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., delvd. rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445 - —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475 - —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0490 - —
30,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0505 - —
c.l., dlvd. rail zone:—
D (Ill., Ia., Wis.)...lb. .0490 - —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)..lb. .0505 - —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535 - —
G (Mexico).....lb. .0530 - —
l.c.l. dlvd. all zones....lb. .07 - —
ctns., dlvd. all zones.....lb. .07¾- —
cs., dlvd. all zones.....lb. .08¼- —
export, full. comprsd., cs., f.a.s. Gulf ports..lb. .05½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Black, charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works...lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l. f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N.Y...lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y...lb. .14 - —
l.c.l., f.o.b. N. Y.....lb. .19 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04¼- —
B, bbls., works or N. Y....lb. .03½- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .20 - .21
Tree bark, bls.....lb. .11 - .12
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l.....ton.65.00 -70.00
high grade precip., bgs, c.l., works, frt. equal..ton.70.00 - —
l.c.l., same basis.....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l. works..100 lbs. 2.00 - 2.25
l.c.l., works.....100 lbs. 2.25 - 2.60
Blood, dried, dom., 16-17% ammon., bulk, f.o.b. N. Y. unit-ton. 3.50 - —
high-grade, grd., 16-17% ammon., bulk, f.o.b. Chi. unit-ton. 3.75 - —
Import, bgs., c.i.f. ports, Aug. shipt..unit-ton. 3.37½- —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .12 - .13
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.). Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Celestial, bbls.....lb. .10 - .15
Chinese, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
imitation (see Blue, ultramarine, group 6).
Milori, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .47 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Soluble, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Ultramarine, dry, jobbing, bbls., works, frt. equald..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls., same basis.....lb. .17 - —
3, bbls., same basis.....lb. .18 - —
4, bbls., same basis.....lb. .19 - —
5, bbls., same basis.....lb. .22 - —
6, cobalt, A., same basis.lb. .26 - —
B, bbls., same basis..lb. .23 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis. lb. .18 - —
2, bbls., same basis.....lb. .17 - —
3, bbls., same basis.....lb. .21 - —
4, bbls., same basis.....lb. .22 - —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .26 - —
pulp, 1, bbls., same basis...lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —
Ultramarine, blue, dlvd ex whse. is 1c. higher; Pac. coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blue mass, USP., cns., kgs....lb. .89 - .91
Blue Vitriol, 99%, cryst., bbls., c.l., f.o.b. N.Y., Chicago, Cooper Hill, Tenn. 100 lbs. 4.00 - —
16-25, same basis.100 lbs. 4.15 - —
6-15, same basis..100 lbs. 4.25 - —
3-5, same basis...100 lbs. 4.50 - —
1-2, same basis...100 lbs. 4.70 - —
monohydrated, dms., c.l., dealers, E. of Rockies...lb. .08 - .081
jobbers, E. of Rockies.lb. .08 - .081
l.c.l., dealers, E. of Rockies..lb. .09 - .095
jobbers, E. of Rockies.lb. .085 - .086
Blueflag root, bls.....lb. .16 - .18
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago-ton.22.00 -25.00
c.i.f. Atlantic ports..ton.27.50 -28.00
S.A., bgs., c.i.f. ports..ton.27.50 -28.00
steamed, dom., 1½% ammon., 60% phos., bgs., f.o.b. Chicago..ton.16.00 -17.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.23.00 - —
meal, steamed, dom., 3% ammon., 50% phos., bgs. f.o.b. Chicago..ton.18.00 -19.00
import, 100-lb. bgs., c.i.f. ports..ton.23.00 - —
Phosphate, precip. (see Calcium phosphate, dibasic, precip.)
Borage flowers, bls.....lb. .20 - .21

Amyl Chlor.—Calamus

Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.56.00 - —
c.l., dlvd.....ton.60.00 - —
l.c.l., ex whse.....ton.65.00 -70.00
sks., contracts, 80 tons min., dlvd..ton.46.00 - —
c.l., dlvd.....ton.50.00 - —
l.c.l., ex whse.....ton.55.00 -60.00
gran., bbls., contracts, 80 tons min., dlvd..ton.50.00 - —
c.l., dlvd.....ton.54.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
sks., contracts, 80 tons min., dlvd..ton.40.00 - —
c.l., dlvd.....ton.44.00 - —
l.c.l., ex whse.....ton.49.00 -54.00
powd., bbls., contracts, 80 tons min., dlvd..ton.55.00 - —
c.l., dlvd.....ton.59.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.45.00 - —
c.l., dlvd.....ton.49.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
USP., $15 per ton higher.
Bordeaux mixture, cs., dms., tins, c.l., dealers, East..lb. .08¼- .14¾
West.....lb. .09 - .11
jobbers, East.....lb. .08 - .14½
West.....lb. .08 - .10
l.c.l., dealers, East, 1,000 lbs. and over..lb. .08¾- .15¼
101 to 999 lbs.....lb. .09¾- .16¼
100 lbs. or less.....lb. .10¾- .18½
West.....lb. .09½- .11½
jobbers, East.....lb. .08¾- .14¾
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., c.s., c.l., works.lb. .36 - —
1,000 lbs., works.....lb. .38 - —
smaller lots, works.....lb. .43 - —
Bromoform, USP, jars.....lb. 1.75 - 1.90
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .40 - .65
moulding, cns., dms., over 10 lbs..lb. .55 - .80
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .10 - .11
Brown, iron oxide, pure precip., cks, f.o.b. N.Y. or works...lb. .12¼- —
Metallic, bbls., works.....lb. .02 - —
paper bgs., c.l., works.....lb. .0185- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points.....lb. .12 - —
2, bbls., same basis.....lb. .11 - —
3, bbls., same basis.....lb. .10 - —
4, bbls., same basis.....lb. .08½- —
5, bbls., same basis.....lb. .08½- —
6, bbls., same basis.....lb. .08 - —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07½- —
9, bbls., same basis.....lb. .07 - —
10, bbls, same basis....lb. .06¾- —
11, bbls., same basis....lb. .06½- —
12, bbls., same basis....lb. .06 - —
13, bbls., same basis....lb. .05¾- —
14, bbls., same basis....lb. .05½- —
raw, American, bbls., works.lb. .02¾- —
Italian, 1, bbls., f.o.b. N.Y. or works.....lb. .12¼- —
2, bbls., same basis.....lb. .10¾- —
3, bbls., same basis.....lb. .10¾- —
4, bbls., same basis.....lb. .09¼- —
5, bbls., same basis.....lb. .08¾- —
6, bbls., same basis.....lb. .08¼- —
7, bbls., same basis.....lb. .07½- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb. .06½- —
10, bbls., same basis....lb. .05¾- —
11, bbls., same basis....lb. .04¾- —
Umber, American, bbls., works, lb. .02½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles....lb. .04½- —
ex dock Portland, San Francisco, Seattle.lb. .04¾- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .06 - —
Brucine, cns.....oz. .12 - .13
Sulphate, cns.....oz. .08 - .09
Bryonia root, bls.....lb. .09 - .10
Buchu leaves, bls.....lb. .70 - .80
Buckthorn bark, true, bls.....lb. .04 - .05
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .03½- —
l.c.l., dlvd. E.....lb. .05 - —
import., stands.....lb. .11 - .12
Butanes, comi., 16-32°, tanks, group 3..gal. .02¼- .03¾
Butternut bark, bls.....lb. .06½- .07
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09½- —
l.c.l., contract, frt. alld.lb. .10 - —
tanks, contract, frt. alld..lb. .08½- —
secondary, dms., c.l., f.o.b. dest..lb. .08½- —
l.c.l., f.o.b. dest.....lb. .09 - —
tanks, f.o.b. dest.....lb. .07½- —
Acohol (see Alcohol).
Aldehyde, dms., c.l., works...lb. .19 - —
l.c.l., works.....lb. .21 - —
Carbinol (see Carbinol).
Lactate, dms.....lb. .22½- .26½
Propionate, dms., dlvd.....lb. .18 - .18½
tanks, dlvd.....lb. .17 - —
Butyric ether, dms.....lb. .80 - .85

C

Cadmium bromide, bots., jars..lb. 1.54 - 1.59
Iodide, bots, jars.....lb. 3.75 - 3.80
Lithopone (see Yellow).
Metal, cs.....lb. 1.05 - —
Red (see Red).
Sulphide (see Yellow).
Caffeine, cns., cs., less than 1,000 lbs., contract..lb. 2.20 - 2.30
dms., 1,000 lbs. or over, contract..lb. 2.15 -
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots., jars...lb. 4.32 - 4.37
Calabar beans, bgs.....lb. .15 - .16
Calamus root, bleached, cs....lb. .40 - .42

Calcium Acetate—Chr. Yellow

Calcium acetate, bgs., dlvd., 100 lbs. 2.10 - —
Arsenate, dms., c.l., consumers, S. .lb. .06½- —
dealers, E. of Rockies .lb. .06½- —
South .lb. .06½- -
jobbers, E. of Rockies .lb. .06 - —
South .lb. .06 - —
l.c.l., consumers, S. .lb. .07¼- —
dealers, E. of Rockies, 1,000 lbs. or over .lb. .06¾- —
101 to 999 lbs. .lb. .07¾- —
100 lbs. or less .lb. .08¾- —
South .lb. .06¾- —
jobbers, E. of Rockies .lb. .06¾- —
South .lb. .06¾- -
Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, jar .lb. .60 - .62
Carbide, dms. .lb. .05 - .06
Carbonate (see Chalk and Whiting)
Chloride, flake, dom., 77-80%, bgs dms., c.l., dlvd. ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd. .100 lbs. 1.70 - 2.25
liquor basis 40%, tanks, works ton. 7.50 - —
solid dom., 73-75%, bgs., dms., c.l., dlvd. .ton.20.00 -32.00
l.c.l., 1 ton or over, dlvd. .100 lbs. 1.60 - 2.25
Calcium gluconate, pharm., gran., powd., bbls. (125 lbs.) .lb. .50 - —
25 lbs. .lb. .57 - —
Glycerophosphate, bbls., kgs., 100 lbs. .lb. 1.15 - —
Hypophosphite, cns. .lb. .62 - .67
Calcium iodide, bots., jars .lb. 3.70 - 3.75
Lactate, USP, bbls. .lb. .25 - .28
Nitrate, bgs., to fert. mfrs., ex vessel .ton.26.10 - —
Palmitate, bbls. .lb. .21 - .22
Phosphate, dibasic, precip., 23-25% P_2O_5, c.i.f. Atlantic ports .unit-ton. .62 - —
tri-basic, precip., c.l., bbls., works .lb. .06½- —
l.c.l., bbls. .lb. .07½- —
Resinate, precip., bbls., 1 ton .lb. .13 - —
smaller lots .lb. .14 - —
Stearate, precip., bbls., ctns., c.l. .lb. .18 - —
1 ton .lb. .19 - —
smaller lots .lb. .20 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c. l., works .ton.52.00 - —
l.c.l. works .ton.56.00 - —
83/85 CaC c.l., works .ton.58.00 - —
l.c.l., works .ton.64.00 - —
luminous, dom., tins, works. .lb. .75 - —
Sulphocarbolate, cs. .lb. .47 - .48
Calendula flowers, bls. .lb. .60 - .65
Calomel, bxs., kgs. .lb. 1.08 - —
Camphor, natural, powd., cs. .lb. .53½- .54½
slabs, cs. .lb. .53½- .54½
tablets, tins .lb. .57½- .58½
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs. .lb. .48¼- —
500 lbs. .lb. .50¼- —
100 lbs. .lb. .51¼- —
tablets, cs., 2,000 lbs. .lb. .54 - —
500 lbs. .lb. .56 - —
100 lbs. .lb. .57 - —
Monobromate, bxs., kgs. .lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs. .lb. .06¾- .07
Morocco, bgs. .lb. .07 - .07½
Turkish, bgs. .lb. .07¼- .07¾
Canella alba bark, bls. .lb. .37 - .38
Cannabis herb, bls. .lb. .15 - .16
Cantharides, Chinese, cs. .lb. .60 - .65
powd., bxs. .lb. .85 - .90
Russian, cs. .lb. 1.50 - 1.55
powd., bxs. .lb. 1.80 - 1.85
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs. .lb. .08¼- .08½
Carbazole, 70-80%, dms. .lb. .60 - —
90%, dms. .lb. .80 - —
98-99%, dms. .lb. .92 - —
Carbinol, butyl, norm., dms., works. .lb. .60 - —
small lots, works .lb. .75 - —
secondary, dms., works .lb. .60 - —
small lots, works .lb. .75 - —
Diethyl, dms., works .lb. .60 - —
small lots, works .lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works. .lb. .53 - —
l.c.l., works .lb. .54 - —
tanks, works .lb. .52 - —
Methylpropyl, dms., works .lb. .60 - —
smaller lots, works .lb. .75 - —
Dimethylethyl, dms., works .lb. .60 - —
small lots, works .lb. .75 - —
Carbon bisulphide, dms. .lb. .05½- .06½
tanks .lb. .04½- —
Dioxide, cyls. .lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (30 tons), frt. alld. E. of Miss. river, N. of Ohio river, including Ky., Va., W. Va. .lb. .06½- —
l.c.l., same basis .lb. .06¾- —
10-gal. dms., c.l. (20 tons), same basis .lb. .07 - —
l.c.l., same basis .lb. .06½- —
5-gal. dms., c.l. (20 tons), same basis .lb. 07 - —
l.c.l., same basis .lb. .06½- —
Carbon, tetrachloride, tanks, same basis .lb. .05 - —
Fire extinguisher liquid, 2½c. lb higher.
Cardamom, bleached, cs. .lb. 1.30 - 1.50
decorticated, cs. .lb. 1.15 - 1.25
green, bgs. .lb. .92 - .95
Carvol, bots. .lb. 4.00 - 4.25
Cascara sagrada bark, bulk .lb. .12 - .13
Case-hardening mixture, 45%, gran., dms., l.c.l. .lb. .11⅞- —
lump, dms., l.c.l. .lb. .10⅞- —
30%, lump, dms, l.c.l. .lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd. .lb. .16¾- .17¼
5 tons, works .lb. .17¾- —
smaller lots, works .lb. .18¼- —
80-100 mesh, bgs, c.l., dlvd. .lb. .17 - .17½
5 tons, works .lb. .18 - —
smaller lots, works .lb. .19½- —
Import, Argent., 20-30 mesh, bgs., c.l., duty pd. .lb. .17 - —
80-100 mesh, bgs., c.l., duty pd. .lb. .17½- —
French, 30 mesh, bgs., c.l., duty pd. .lb. .18 - .18½
Cassia, Batavia, 1, bgs. .lb. .14 - .14½
3, bls. .lb. .07¾- .08¼
short stick, bls. .lb. .12 - .14
China, rolls, select, cs. .lb. .05¾- .06¼
broken, extra, bls. .lb. .03¾- .04
Saigon, cs. .lb. .17½- .18
Cassia buds, cs. .lb. .13½- .14
Cassia fistula, bskts. .lb. .15 Nom.
Castile soap, white, bars, cs., 40 lbs. 20.00 - —
powd., bbls. .lb. .22 - .23
Castoreum, nat., cns. .lb. 15.00 -18.00
synth., bots. .lb. 19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5½% ammon., bgs., c.l., works .ton.16.00 - —
import, bgs., c.i.f., ports, shipment .ton. No prices
Catnep leaves, bls. .lb. .18 - .19
Celery seed, French, bgs. .lb. .19¾- .20¼
Indian, bgs .lb. .13¼- .13¾
Celluloid scrap, amber, cs. .lb. .12 - .13
black, cs., works .lb. .08 - .09
China white, ivory, cs., works. .lb. .12 - .13
dense white, cs., works .lb. .11 - .12
grey, cs., works .lb. .09 - .10
mixed, mottles, opaques, cs., works .lb. .05 - —
shell-demi, cs., works .lb. .09 - .10
translucent pastels, cs., works. .lb. .13 - .14
transparent, cs., works .lb. .12 - .13
colors, cs, works .lb. .08 - .09
Shavings, amber, cs., works .lb. .13 - —
colored, mixed, cs., works .lb. .09 - —
white, cs., works .lb. .13 - —
Cellulose acetate, flake, cs., 2,000 lbs., works .lb. .55 - —
1,000 lbs., works .lb. .56 - —
500 lbs., works .lb. .57½- —
100 lbs., works .lb. .60 - —
scrap, transparent, bgs, works .lb. No stocks
Cement, white, bbls. (4 bags), 5 tons, dlvd. N.Y. .bbl. 6.10 - —
truck dlvy. .bbl. 7.40 - —
less than 5 tons, truck dlvy. bbl. 8.06 - —
Cerium hydrate, dms., works .lb. .65 - —
Oxalate, USP, bbls., works .lb. .28 - —
kgs., works .lb. .30 - —
Chalk, precip., ext. light, cake., c.l. .lb. .04 - .04
heavy, cake., c.l. .lb. .03 - .04
light, cake, c.l. .lb. .03 - .04
Chamomile flowers, Hungarian, genuine, cs. .lb. .23 - .24
Roman, bls. .lb. .28 - .30
Charcoal, softwood, powd., 80-100 mesh, bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va. .ton.28.40 - —
Conn., Me., Mass., N. H., R. I., Vt. .ton.28.80 - —
Ill., Wis. .ton.23.00 - —
Indiana .ton.26.00 - —
Mich., Ohio, Penn. .ton.27.80 - —
l.c.l., works .ton.15.00 - —
Willow, powd., bbls. .lb. .08 - .07
Chestnut extract, clarif., 25% tan., bbls. .lb. .01625- —
tanks .lb. .02 - —
powd., bgs., works .lb. .06¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float., 99.75% 500 mesh, bgs., c.l., works .ton. 8.50 - —
l.c.l., works .ton. 9.00 -15.00
bulk, c.l., works .ton. 6.00 - —
99.75% 200 mesh, bgs., c.l., works .ton. 7.50 - —
l.c.l., works .ton. 8.50 -14.50
wet-grd., silk-bolt., 99.9% 325 mesh, bulk, c.l., works .ton. 8.00 - —
paper bgs., c.l., works. ton.10.50 - —
import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila. ton.22.00 -26.00
powd., cake., l.c.l., ex dock ton.25.00 - —
ex whse. .ton.27.50 - —
Chloral hydrate, bots., 1,000 lbs. .lb. .83 - .93
500 lbs. .lb. .90 - .95
100 lbs. .lb. .88 - .97
25 lbs. .lb. .90 - .99
1-10 lbs. .lb. .96 - 1.03
dms., 1,000 lbs. .lb. .80 - —
500 lbs. .lb. .83 - —
100 lbs. .lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y. .lb. .06½- —
contracts, dlvd., N.Y. .lb. .05½- —
l.c.l., dlvd., N.Y. .lb. .07½- —
tanks, single unit, works, frt. equald .100 lbs. 2.15 - —
multiple unit, 4 or over, wks., frt. equald .100 lbs. 2.30 - —
1-3, works, frt. equald. 100 lbs. 2.55 - —
Chloroacetophenone, tins, works .lb. 2.00 - —
Chloroform, tech., 650-lb. drums. .lb. .20 - —
100-lb. dms. .lb. .22 - —
50-lb. tins .lb. .23 - —
USP, 650-lb. dms. .lb. .30 - —
100-lb. dms. .lb. .32 - —
50-lb. dms. .lb. .33 - —
Chloropicrin, comi., cyls., works. .lb. .80 - .90
Chrome acetate, bbls. .lb. .05 - .08
Cake, bulk., c.l., works .ton.11.00 -13.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, bxs., cns., fib. dms. .lb. .40 - .45
powd., bxs., cnt., fib. dms. .lb. .45 - .50
scales, bxs., cns., fib. dms. .lb. .45 - .50
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)

Sensitive

So extremely sensitive is this instrument that a slight tremor of the earth, hundreds of miles away, would mark a series of jagged peaks on the recording cylinder. Yet the shock might be imperceptible to people at the very center of the activity.

Keen sensitivity to new trends in the paint industry has enabled Krebs to anticipate the changing requirements for pigments. Quick responsiveness to such changes has been a major factor in the development of our complete pigment service.

In our full selection of quality pigments and chemical dry colors you are sure to find the right answer to your most difficult pigment problems. When your formula calls for a titanium product, ask Krebs for "Ti-Bar," "Ti-Cal," or "Ti-Pure" (Krebs Titanium Dioxide).

Depend on the finest pigments to make the finest paints. Discuss your own requirements with our technical representative.

KREBS
REG. U.S. PAT. OFF.
PIGMENTS

WHITE PIGMENTS AND CHEMICAL DRY COLORS

KREBS PIGMENT & COLOR CORP., 1007 Market Street, Wilmington, Del.

Chrysarobin, cns.	lb.	1.25	- 2.80
Cinchona bark, Dutch, chips, bgs.	lb.	.17	- .18
high test, bgs.	lb.	.35	- .45
quills, broken, bgs.	lb.	.17	- .18
leng, cs.	lb.	.55	- .60
short, bgs.	lb.	.50	- .55
Ecuador, tubes.	lb.	.16	- .17
Cinchonidine, cryst., powd., cns.os.		.30	- .37
Sulphate, cns.	os.	.47	- —
Cinchonine, cryst., powd., cns.os.		.50	- .55
Sulphate, cns.	os.	.34	- —
Cincophen, USP., bbls.	lb.	2.64	- —
bxs., dms., kgs.	lb.	2.75	- 2.90
Cinnamic alcohol (see Alcohol, cinnamic)			
Aldehyde, f.f.c., bots.	lb.	1.55	- 2.00
Cinnamon, Ceylon, 2 bls.	lb.	.16¾-	.17½
3, bls.	lb.	.15¾-	.16¼
Citral, cns.	lb.	1.75	- 2.15
Citrine ointment, jars, tubes.	lb.	.87	- —
Citronellal, bots.	lb.	1.25	- 1.50
Citronellol, bots.	lb.	1.90	- 2.15
Clove, Madagascar, bls.	lb.	.15¼-	.15½
Zanzibar, bls.	lb.	.15¼-	.15½
Clover tops, bls.	lb.	.12	- .13
Coaltar, coal-gas, crude, bbls., c.l., works.	bbl.	7.35	- —
l.c.l., works.	bbl.	8.00	- —
tanks, works.	gal.	.07	- .09
refd., bbls., c.l., works.	bbl.	7.75	- —
l.c.l., works.	bbl.	8.50	- —
tanks, works.	gal.	.08	- .10
water-gas, crude, dms., c.l., works.	dm.	6.75	- —
l.c.l., works.	dm.	7.50	- —
tanks, works.	gal.	.07	- .08
refd., dms., c.l., works.	dm.	7.25	- —
l.c.l., works.	dm.	8.00	- —
tanks, works.	gal.	.08	- .09
Cobalt acetate, bbls., dlvd.	lb.	.58	- .60
kgs., dlvd.	lb.	.65	- —
Carbonate, tech., bbls., dlvd.	lb.	1.42½	- —
Chloride, dms., works.	lb.	.67¾-	.72½
Hydrate, bbls.	lb.	1.68	- 1.78
Linoleate, paste, 6%, dms.	lb.	.31¼-	—
solid, 8½%, bbls.	lb.	.32½-	—
Oleate, bbls.	lb.	.36	- —
Oxide, black, kgs.	lb.	1.41	- 1.51
Resinate, fused, A, bbls.	lb.	.13	- —
1%, bbls.	lb.	.12¼-	—
2%, bbls.	lb.	.16¼-	.17
3%, bbls.	lb.	.17½-	.18
precip., dms., dlvd.	lb.	.30½-	—
Sulphate, dms.	lb.	.51	- .53
Cocaine hydrochloride, cns.	os.	9.75	-10.00
Cochineal, gray, bgs.	lb.	.22	- .30
Teneriffe, silver, bgs.	lb.	.33	- .37
Cocillana bark, bgs.	lb.	.20	- .21
Cocoa butter, lump, bgs. c.l.	lb.	.15	- .15¼
Codeine, cns., 100 ozs.	os.	11.70	-12.45
Hydrochloride, cns., 100 ozs.	os.	10.50	-10.84
Phosphate, cns., 100 ozs.	os.	9.00	- 9.05
Sulphate cns. 100 ozs.	os.	9.50	- 9.55
Codliver oil (see Oil, codliver)			
Cohosh, black, root, bls.	lb.	.07	- .07½
Blue, root, bls.	lb.	.06	- .06½
Colchicine, vis.	os.	24.00	-25.00
Colchicum seed, bgs.	lb.	.25	- .26
Collodion, USP, dms.	lb.	.12	- .13
Flexible, USP, dms.	lb.	.14	- .15
Colocynth pulp, bls.	lb.	.65	- .70
Colombo root, bls.	lb.	.11	- .12
Coltsfoot leaves, bgs.	lb.	.08	- .09
Condurango bark, bgs.	lb.	.09	- .10
Conium leaves, bls.	lb.	.14	- .15
Copaiba balsam, Para, cns.	lb.	.19	- .20
S.A., USP, cns.	lb.	.21	- .22
Copper carbonate, 52-59%, bbls.	lb.	.14½-	.16¼
18-20%, bbls.	lb.	.07	- .09
Chloride, bbls.	lb.	.17	- .18
Cyanide, tech., bbls.	lb.	.27	- .29
Iodide, bots.	lb.	4.97	- 5.03
Metal, electrolytic.	lb.	.09¾-	—
Oleate, precip. bbls.	lb.	.30	- —
Oxide, black, bbls., tons, works.	lb.	.14½-	—
smaller lots, works.	lb.	.15	- —
Red, com'l, 50-75%, kgs., c.l., f.o.b. N.Y.	lb.	.14	- —
l.c.l., f.o.b. N. Y.	lb.	.15	- —
Resinate, precip., bbls.	lb.	.18	- .19
Stearate, precip., bbls.	lb.	.35	- .40
Sulphate (see Blue vitriol)			
Copperas, cryst., gran., bgs., c.l., works.	ton.	14.00	-15.00
bbls., c.l., works.	ton.	16.00	-17.00
l.c.l., 25 cr over, works.	100 lbs.	1.35	- —
5-24, works.	100 lbs.	1.50	- —
1-4, works.	100 lbs.	2.00	- —
bulk, c.l., works.	ton.	13.00	-18.00
Copra, bgs., Pacific Coast.	lb.	.0270-	.0275
Coriander seed, Morocco, bgs.	lb.	.05¾-	.06¼
bleached, bgs.	lb.	.08	- .08½
Russian, bgs.	lb.	No stocks.	
Corn sugar, tanners, bbls., dlvd.	100 lbs.	3.98	- —
ex whse.	100 lbs.	3.88	- —
Syrup, 42°, bbls.	100 lbs.	3.90	- —
43°, bbls.	100 lbs.	4.00	- —
Cornsilk, bls.	lb.	.07½-	.08
Corrosive sublimate, bxs., flb. dms., kgs.	lb.	.81	- .96
Cottonroot bark, bls.	lb.	.11	- .12
Cottonseed hull ash, 25-30% pot-ash, bulk, dlvd.	unit-ton.	1.00	- —
Coumarin, cns.	lb.	3.10	- 3.35
Cramp bark, genuine, bls.	lb.	.20	- .21
so-called, bls.	lb.	.07	- .08
Cranesbill root, bls.	lb.	.10	- .11
Cream tartar, cryst., bbls.	lb.	.17¼-	.17¾
kgs.	lb.	.17¾-	.18
gran., bbls.	lb.	.16¾-	.17¼
kgs.	lb.	.17¼-	.17½
powd., bbls.	lb.	.16¾-	.17¼
kgs.	lb.	.17¼-	.17½
Creosote, wood, beech., bots.	lb.	.70	- .75
pine, dms.	gal.	.28	- —
USP, bots.	lb.	.45	- .47
Carbonate, bots., cbys.	lb.	1.40	- 1.75
Oil, crude, I, tanks, works.	gal.	.12¼-	.13½
II (coaltar solution), tanks, works.	gal.	.109	- .12
refd., bbls., c.l., works.	gal.	.22½-	—
l.c.l., works.	gal.	.25	- —
tanks, works.	gal.	.18	- .18½
Cresol, USP., dms.	lb.	.10	- .10¾
Crotonaldehyde, tech., dms., c.l., works.	lb.	.26	- —
l.c.l., works.	lb.	.30	- —
Cube root, powd., 5% rotenone, bbls., 5 tons, f. of Rockies, f.o.b. N. Y., Balto.	lb.	.33½-	—
1 ton, same basis.	lb.	.35	- —
1,000 lbs., same basis.	lb.	.36	- —
1 bbl., same basis.	lb.	.38	- —
4% rotenone, bbls., 5 tons, same basis.	lb.	.28¼-	—
1 ton, same basis.	lb.	.30	- —
1,000 lbs., same basis.	lb.	.31	- —
1 bbl., same basis.	lb.	.33	- —
3% rotenone, bbls., 5 tons, same basis.	lb.	.24½-	—
1 ton, same basis.	lb.	.26	- —
1,000 lbs, same basis.	lb.	.27	- —
1 bbl., same basis.	lb.	.29	- —
Cubeb berries, XX, bgs.	lb.	.35	- .36
powd., cs.	lb.	.39	- .40
Culver's root, bls.	lb.	.16	- .17
Cumin seed, Algerian, bgs.	lb.	.11	- .11½
Indian, bgs.	lb.	.11	- .11½
Morocco, bgs.	lb.	.11¾	Nom.
Cutch, Philippine, bls., c.l.	lb.	.04	- —
Cyanamid, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, dlvd. interior, NH_3. unit.		1.07½-	—
Atlantic ports, NH_3. unit.		1.08	- —
Cyanide-chloride mixture, 75%, gran., dms.	lb.	.16	- .17
lump, dms.	lb.	.14	- .15

D

Damiana leaves, bls.	lb.	.16	- .17
Dandelion root, German, bls.	lb.	.19	- .20
Deertongue leaves, bls.	lb.	.10	- .12
Degras, common, dom., bbls.	lb.	.05½-	.06
English, bbls.	lb.	.05¾-	.06
Japanese, bbls.	lb.	.07	- .07½
neutral, dom., bbls.	lb.	.08¼-	.10½
English, bbls.	lb.	.09	- .09¼
Derris root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto.	lb.	.42	- —
1 ton, same basis.	lb.	.44	- —
1,000 lbs., same basis.	lb.	.46	- —
1 bbl., same basis.	lb.	.49	- —
4% rotenone, bbls., 5 tons, same basis.	lb.	.37	- —
1 ton, same basis.	lb.	.39	- —
1,000 lbs., same basis.	lb.	.40	- —
1 bbl., same basis.	lb.	.43	- —
3% rotenone, bbls., 5 tons, same basis.	lb.	.32	- —
1 ton, same basis.	lb.	.33	- —
1,000 lbs., same basis.	lb.	.35	- —
1 bbl., same basis.	lb.	.37	- —
Dextrin, British gum, bgs., c.l., f.o.b. Chicago.	100 lbs.	4.70	- —
l.c.l., f.o.b. Chicago.	100 lbs.	5.00	- —
Corn, canary, bgs., c.l., f.o.b. Chicago.	100 lbs.	4.45	- —
l.c.l., f.o.b. Chicago.	100 lbs.	4.65	- —
white, bgs., c.l., f.o.b. Chicago	100 lbs.	4.40	- —
l.c.l., f.o.b. Chicago.	100 lbs.	4.70	- —
Potato, import., bgs.	lb.	.07¾-	.08¾
Tapioca, bgs., ex whse.	lb.	.08	- —
Diamyl ether, dms., c.l., works.	lb.	.085	- —
l.c.l., works.	lb.	.092	- —
tanks, works.	lb.	.075	- —
Phthalate, dms., c.l., dlvd.	lb.	.19	- —
l.c.l., dlvd.	lb.	.19½-	—
5-gal. dms., works.	lb.	.23	- —
tanks, dlvd.	lb.	.13	- —
Sulphide, dms., l.c.l., works	lb.	1.10	- —
Diamylamine, dms., l.c.l., works	lb.	.75	- —
Diamylene, dms., c.l., works.	lb.	.085	- —
l.c.l., works.	lb.	.102	- —
tanks, works.	lb.	.068	- —
Dianisidin, bbls.	lb.	2.35	- 2.45
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works.	ton.	23.00	-35.00
l.c.l., ex whse.	ton.	45.00	-150.00
import., bgs., c.l., f.o.b. N.Y.	ton.	40.00	- —
Dibutyl phthalate, dms.	lb.	.18	- .18½
Tartrate, dom., dms.	lb.	.35	- .40
import., dms.	lb.	.50	- .55
Dicalcium phosphate (see Calcium phosphate, dibasic)			
Dichloroethyl ether, dms., c.l., works.	lb.	.16	- —
l.c.l., works.	lb.	.17	- —
tanks, works.	lb.	.15	- —
Dichloropentanes, dms., c.l., works.	lb.	.083	- —
l.c.l., works.	lb.	.04	- —
tanks, works.	lb.	.025	- —
Diethanolamine, dms.	lb.	.31	- .35
Diethyl carbonate, coml., dms.	lb.	.31¾-	—
refd., 99%, dms.	lb.	.50	- —
Carbinol (see Carbinol)			
Phthalate, dms., c.l.	lb.	.18½-	—
l.c.l.	lb.	.19	- —
tanks	lb.	.17½-	—
Diethylaniliin, dms.	lb.	.53	- .54
Diethylene oxide, dms., c.l., works	lb.	.20	- —
l.c.l., works.	lb.	.21	- .24
tanks, works.	lb.	.19	- —
Diethyleneglycol, dms., c.l., works	lb.	.16½-	—
l.c.l., works.	lb.	.17½-	—
Monobutylether, dms., works.	lb.	.26	- .27
Monoethylether, dms., c.l., works.	lb.	.16	- —
l.c.l., works.	lb.	.17	- —
tanks, works.	lb.	.15	- —
Digitalis leaves, dms.	lb.	.23	- .25
Diglycol oleate, light, bbls.	lb.	.24	- —
Dill seed, dewhiskered, polished, bgs.	lb.	.07	- .07½
recleaned, bgs.	lb.	.06¼-	.06¾
Dimethyl phthalate, dms.	lb.	.19½-	.20
Dimethylaniliin, dms.	lb.	.29	- .30
Dimethylethyl carbinol (see Carbinol)			
Dinitrobenzene, bbls.	lb.	.17	- .17½
purified, bbls.	lb.	.19	- .19½
Dinitrochlorobenzene, bbls.	lb.	.14½-	.15½
Dinitronaphthalene, kgs.	lb.	.25	- .28
Dinitrophenol, bbls.	lb.	.23	- .24
Dinitrotoluene, dms.	lb.	.15½-	.16½
oily, dms.	lb.	.09¼-	.10
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd.	lb.	.44	- —
600-1,950 lbs., dlvd.	lb.	.46	- —
150-450 lbs., dlvd.	lb.	.47	- —
Dip oil (see Tar acid oil)			
Dipentene, dms.	gal.	.47	- .50
tanks	gal.	.41	- —
Diphenyl, bbls., c.l., works.	lb.	.15	- —
l.c.l., works.	lb.	.20	- .25
Oxide, bots.	lb.	.70	- 1.00
Diphenylamine, bbls.	lb.	.81	- .83
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd.	lb.	.35	- —
600-1,950 lbs., dlvd.	lb.	.36	- —
150-450 lbs., dlvd.	lb.	.37	- —
Diphenylmethane, bots.	lb.	1.40	- 2.00
Disodium phosphate (see Soda phosphate, dibasic)			
Divi-divi, bgs., shipment.	ton.	32.00	-35.00
Extract, 25% tan., bbls.	lb.	.05	- .05½
Doggrass root, cut, bls.	lb.	.12	- .13
Dogwood bark, dom., bls.	lb.	.04	- .05
Jamaica, bls.	lb.	.06½-	.07
Dover's powder, USP, cns.	lb.	2.75	- 2.80
Dragon's blood, mass, cs.	lb.	.85	- .95
reeds, thin, cs.	lb.	.95	- 1.00
Duboisine sulphate, vis.	os.	24.50	-35.00

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—

36 Chrome yellow 2G.	lb.	.65	- .70
40 Chrome yellow R.	lb.	.90	- 1.00
58 Victoria violet.	lb.	.80	- 1.00
165 Lake red C.	lb.	1.15	- 1.25
176 Fast red A.	lb.	.69	- .75
180 Fast red VR.	lb.	1.50	- 1.65
188 Lake red R, paste.	lb.	.85	- .90
189 Lake red R, powdered.	lb.	3.00	- 3.10
202 Chrome blue black U.	lb.	.82	- .90
204 Chrome black A.	lb.	1.75	- 2.00
206 Fast red blue R.	lb.	.75	- 2.00
216 Chrome red B.	lb.	1.75	- 2.00
262 Cloth red 2B.	lb.	.69	- .80
289 Fast cyanin 6R.	lb.	.90	- 1.00
299 Chrome black F.	lb.	.60	- .65
307 Fast cyanin black B.	lb.	.80	- .85
326 Direct fast scarlet.	lb.	2.00	- 2.25
364 Paper yellow.	lb.	.88	- .90
365 Chrysophenin G.	lb.	.68	- .70
394 Direct violet N.	lb.	1.25	- 1.50
382 Direct scarlet B.	lb.	1.00	- 1.75
387 Direct violet B.	lb.	1.00	- 1.50
401 Developed black BHN.	lb.	.50	- .75
406 Direct blue 2B.	lb.	.25	- .30
415 Direct orange R.	lb.	.69	- .70
419 Direct fast red F.	lb.	.75	- .85
420 Direct brown M.	lb.	1.00	- 1.10
445 Benzo purpurin 4B.	lb.	.40	- 42½
495 Benzo purpurin 10B.	lb.	.40	- .50
502 Direct azurin G.	lb.	.75	- .80
512 Direct blue RD.	lb.	.80	- 1.00
518 Direct pure blue 6B.	lb.	1.10	- 1.25
520 Direct pure blue.	lb.	.50	- 1.00
529 Direct fast black FF.	lb.	.55	- 1.00
581 Direct black EW.	lb.	.25	- .50
582 Direct black RX.	lb.	.35	- .45
593 Direct green B.	lb.	.75	- .80
594 Direct green G.	lb.	1.00	- 1.05
596 Direct brown 3GO.	lb.	.25	- 1.00
620 Direct yellow R.	lb.	1.25	- 1.50
628 Acid violet.	lb.	1.00	- 3.00
812 Primulin	lb.	.50	- .53
814 Direct fast yellow.	lb.	2.00	- 2.25
845 Nigrosin (water soluble).	lb.	.25	- .50
1177 Indigo, 20 p.c., paste.	lb.	.15	- .18
Benzo fast black L.	lb.	.90	- 1.00
Sulphur black.	lb.	.20	- .25
Sulphur blue.	lb.	.40	- 1.00
Sulphur brown.	lb.	.25	- .50
Sulphur maroon.	lb.	.40	- —
Sulphur olive.	lb.	.25	- .54
Sulphur tan.	lb.	.30	- .54
Sulphur yellow.	lb.	.20	- .50
Zambesi black.	lb.	.75	- .80

Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)

Black:—			
865 Nigrosin derivatives.	lb.	.42	- —
Blue:—			
1075 Alizarin astrol base.	lb.	15.00	- —
1078 Alizarin cyanin green base.	lb.	6.00	- —
729 Victoria blue.	lb.	.75	- —
Browns:—			
Brown	lb.	1.15	- —
Green:—			
1078 Alizarin cyanin green.	lb.	5.00	- —
Green	lb.	.75	- —
Orange:—			
24 Sudan I.	lb.	.70	- —
Orange, red shade.	lb.	.75	- —
Red:—			
75 Sudan II.	lb.	1.05	- —
358 Sudan IV.	lb.	.95	- —
749 Rhodamine B (oil pink)	lb.	2.50	- —
Violet:—			
1060 Anthrequinone violet base.	lb.	6.00	- —
680 Oil violet.	lb.	.50	- —
Yellow:—			
15 Amidoazobenzene yellow.	lb.	.90	- —
17 Amidoazotoluene yellow.	lb.	.75	- —
61 Yellow OB.	lb.	1.40	- —

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or warehouse).

Black:—			
864 Nigrosin	lb.	.40	- —
Blue:—			
729 Victoria blue.	lb.	2.55	- —
860 Indulin	lb.	.70	- —
Brown:—			
381 Bismarck brown.	lb.	1.80	- —
Green:—			
687 Malachite green base.	lb.	2.00	- —
Orange:—			
20 Chrysoidin G.	lb.	.95	- —
21 Chrysoidin R.	lb.	.95	- —
Red:—			
677 Fuchsin, magenta base.	lb.	7.35	- —
749 Rhodamine B.	lb.	4.75	- —
Yellow:—			
17 Amidoazotoluene yellow.	lb.	.75	- —
655 Auramine	lb.	2.00	- —
800 Chinolin yellow SS.	lb.	2.00	- —
Violet:—			
680 Methyl violet.	lb.	1.80	- —

Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or warehouse).

Black:—			
246 Naphthol blue black S.	lb.	.50	- —
866 Nigrosin	lb.	.38	- —
873 Methylene gray.	lb.	1.50	- —
Blue:—			
714 Patent blue A.	lb.	1.60	- —
739 Victoria blue B.	lb.	2.00	- —
861 Indulin	lb.	.87	- —
906 New blue R.	lb.	1.30	- —
922 Methylene blue.	lb.	1.00	- —
1054 Alizarin saphirol B.	lb.	1.90	- —
1180 Indigotin IA.	lb.	.85	- —
Brown:—			
234 Resorcin brown Y.	lb.	.65	- —
235 Resorcin dark brown R.	lb.	.66	- —
831 Bismarck brown G.	lb.	.52	- —
832 Bismarck brown R.	lb.	.57	- —
793 Phosphin	lb.	4.65	- —
Green:—			
5 Naphthol green B.	lb.	1.00	- —
687 Malachite green.	lb.	1.35	- —
662 Brilliant green.	lb.	2.00	- —
666 Guinea green B.	lb.	1.15	- —
737 Wool green S.	lb.	.53	- —
934 Methylene green B.	lb.	1.65	- —
1078 Alizarin cyanin green.	lb.	2.35	- —
Orange:—			
20 Chrysoidin G.	lb.	.40	- —
21 Chrysoidin R.	lb.	.37	- —
27 Orange G.	lb.	.60	- —
151 Orange Y.	lb.	.80	- —
161 Orange R.	lb.	.34	- —
Red:—			
81 Amidonaphthol red G.	lb.	.42	- —
87 Amidonaphthol red 6B.	lb.	.62	- —
79 Ponceau R.	lb.	.48	- —
88 Fast red B.	lb.	1.06	- —
176 Fast red A.	lb.	.54	- —
179 Azorubin	lb.	.52	- —
185 Crocein scarlet 8BX.	lb.	.60	- —
186 Cochineal red A.	lb.	.60	- —
252 Brilliant crocein M.	lb.	.66	- —
677 Fuchsin	lb.	1.90	- —
749 Rhodamine B.	lb.	2.50	- —
752 Rhodamine 6G.	lb.	4.50	- —
760 Eosin G.	lb.	1.50	- —
941 Safranin	lb.	1.45	- —

Chrysarobin—Fleaseed

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—

Violet:—			
680 Methyl violet B.	lb.	.53	- —
681 Crystal violet C.	lb.	1.75	- —
696 Acid violet 4BN.	lb.	.88	- —
Yellow:—			
10 Naphthol yellow S.	lb.	.33	- —
138 Metanil yellow.	lb.	.53	- —
636 Fast light yellow.	lb.	1.25	- —
639 Xylene light yellow.	lb.	1.15	- —
640 Tartrazin	lb.	.80	- —
655 Auramine	lb.	1.27	- —

Dyes, natural (see name of article).

E

Echinacea root, bls.	lb.	.16	- .17
Egg albumen (see Albumen)			
Yolk, dom., cs.	lb.	.68	Nom.
import, cs.	lb.	.50	- .52
Elder flowers, bright, bls.	lb.	.17	- .18
dark, bls.	lb.	.16	- .17
Elecampane root, bls.	lb.	.09	- .10
Elm bark, grinding, bls.	lb.	.10	- .11
powd., bbls., bxs.	lb.	.16	- .17
select, bndls., cs.	lb.	.18	- .19
Emetine hydrochloride, bots., vls.	os.	15.00	-15.38
Ephedra, bls.	lb.	.06	- .07
Ephedrine, tins, 100 ozs.	os.	1.00	- —
Hydrochloride, tins, 100 ozs.	os.	1.00	- —
Sulphate, cryst., tins, 100 ozs.	os.	1.00	- —
powd., tins, 100 ozs.	os.	1.05	- —
Epsom salt, tech., bgs.	100 lbs.	1.70	- —
bbls.	100 lbs.	1.80	- —
USP, cryst., dom., bgs., c.l.	100 lbs.	1.90	- —
bbls., c.l.	100 lbs.	2.00	- —
l.c.l.	100 lbs.	2.35	- 2.60
import, bgs.	100 lbs.	2.00	- —
dried, dom., bgs., l.c.l.	lb.	.06	- .08
Ergot, USP, cs.	lb.	1.65	Nom.
Escrine, bots., vls.	os.	42.00	-42.25
Salicylate, bots., vls.	os.	29.00	-29.25
Sulphate, bots., vls.	os.	30.00	-30.25
Ether, acetic, dms.	lb.	.10	- .11
Ethyl (see Ether, sulphuric)			
Nitrous, conc., bots.	lb.	.75	- .77
Sulphuric, conc., dms.	lb.	.09	- —
synth., dms., c.l., works.	lb.	.08	- —
l.c.l., works.	lb.	.09	- —
USP, anesthesia, dms.	lb.	.26	- .27
USP, 1880, dms.	lb.	.35	- .40
washed, dms.	lb.	.37	- .38
Ethyl acetate, dms., c.l., frt. alld.	lb.	.07	- —
l.c.l., frt. alld.	lb.	.07½-	—
tanks, frt. alld.	lb.	.06	- —
anhyd., dms., c.l., frt. alld.	lb.	.08	- —
l.c.l., frt. alld.	lb.	.08¼-	—
tanks, frt. alld.	lb.	.07	- —
Bromide, tech., dms.	lb.	.50	- .55
Caproate, cns.	lb.	1.00	- —
Chloride, dms.	lb.	.22	- .24
Cinnamate, bots.	lb.	3.40	- 4.25
Crotonate, dms., works.	lb.	1.00	- 1.25
Formate, dms.	lb.	.27	- .28
Iodide, bots.	lb.	5.55	- 5.60
Lactate, 55-gal. dms., works.	lb.	.32	- —
5-gal. dms., works.	lb.	.36	- —
Oxalate, dms.	lb.	.20	- .24
Ethylbenzylaniliin, dms.	lb.	.88	- .90
Ethylene bromide, dms.	lb.	.65	- .70
Dichloride, dms., dlvd.	lb.	.05½-	.0904
Ethyleneglycol, dms., c.l.	lb.	.17	- —
l.c.l.	lb.	.18	- .21
tanks	lb.	.16	- —
Monobutylether, dms., c.l., works	lb.	.20	- —
l.c.l., works.	lb.	.21	- .24
tanks, works.	lb.	.19	- —
Monoethylether, dms., c.l., works	lb.	.16	- —
l.c.l., works.	lb.	.17	- —
tanks, works.	lb.	.15	- —
Monoethylether acetate, dms., c.l., works.	lb.	.14	- —
l.c.l., works.	lb.	.15	- —
tanks, works.	lb.	.13	- —
Monomethylether, dms., c.l., works.	lb.	.19	- —
l.c.l., works.	lb.	.20	- .22
tanks, works.	lb.	.18	- —
Ethylidinaniliin, dms.	lb.	.45	- .47½
Ethylmethyl ketone, dms., c.l., frt. pd.	lb.	.07½-	—
l.c.l., frt. pd.	lb.	.08	- —
tanks, frt. pd.	lb.	.06½-	—
Ethylorthoparatoluenesulphonamide, bbls.	lb.	.55	- —
Ethylparatoluenesulphonamide, bbls.	lb.	.60	- —
Eucalyptol, cns.	lb.	.51	- .52
Eucalyptus leaves, bls.	lb.	.05	- .06¼
Eugenol, cns.	lb.	1.75	- 2.25
Euphorbia, bls.	lb.	.06	- .06½

F

Feldspar, enamel, 100 mesh, bulk, works.	ton.	14.00	-15.00
glass, 20 mesh, bulk, works.	ton.	11.00	-12.50
pottery, bulk, Me. works.	ton.	17.00	-19.00
N.C. works.	ton.	17.00	-19.00
Fennel seed, French type, bgs.	lb.	.07½-	.08
German, large, bgs.	lb.	.18	- .19
small, bgs.	lb.	.12	- .13
Fenugreek seed, bgs.	lb.	.04½-	.05
Ferric sulphate, dms., works.	ton.	35.00	-40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works	lb.	.13½-	.15
smaller lots, E. works.	lb.	.13½-	.16
light, cs., 1,000 lbs. or over, E. works.	lb.	.14	- .15
smaller lots, E. works.	lb.	.15	- .16
water white, cs., 1,000 lbs. or over, E. works.	lb.	.15	- .15
smaller lots, E. works.	lb.	.16	- .16
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.			
Fir balsam, Canada, cns.	gal.	2.00	-16.00
Oregon, bbls.	gal.	.90	- 1.10
Fish berries, bgs.	lb.	.08	- .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures	unit-ton.	3.00	&.10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto.	ton.	45.00	- —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. Cst. factories, contracts	unit-ton.	2.25	& .50 Nom.
sardine, meal, Calif., 12-13% ammon., bgs., c.l.f. E. Cst. ports.	unit-ton.	3.25	& .10 Nom.
Japanese, 11½% ammon., bgs., c.l.f. ports, Sept./Oct. shipt.	ton.	40.00	- —
Flake white, bbls., kgs.	lb.	.09¾-	.10¼
Fleaseed, French, black, bgs.	lb.	.10	- .11
Indian, blonde, bgs.	lb.	.08	- .08½

Fluorspar—Gum, Chicle

Fluorspar, enamel, 96-98%, bgs., ton. 30.00 - 35.00
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.. ton. 18.00 - —
import., bulk, Atlantic ports, duty-paid..ton. 21.25 - 21.75
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky., mines..ton. 20.00 - —
powd., 97%, import., bgs., Atlantic ports, duty paid..ton. 31.00 - 32.00
Formaldehyde, bbls., c.l., works. lb. .06 - —
l.c.l., works..lb. .06½ - .07
Fringetree bark, bls..lb. .10 - .11
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga. mines..ton. 10.00 - —
import., bgs., c.l., ex dock..ton. 25.00 - —
l.c.l., ex whse..ton. 30.00 - —
Furfural, refd., dms., c.l., works lb. .15 - —
l.c.l., works..lb. .17½ - .25
tech., dms., contracts, 150,000 lbs., works..lb. .12 - —
c.l., works..lb. .12½ - —
Fusel oil, refd., dms. incl., dlvd. lb. .16 - .18
Fustic extract, cryst., bbls...lb. .20 - .22
liquid, bbls..lb. .06½ - .09
solid, dms..lb. .16 - .18

G

G salt, bbls..lb. .45 - .47
Galangal root, bls..lb. .08 - .09
Gall extract, bbls..lb. .18 - .20
Gambier, common, bgs..lb. .06¾ Nom.
plantation, bgs..lb. .09 Nom.
Cubes, Singapore, bgs..lb. .07 - .08½
Extract, bbls..lb. .08 .10
Gasoline, at refinery:—
Bayonne, US motor, 62-63 octane, tanks..gal. .06¾ - —
65 octane, tanks..gal. .07 - —
above 65 octane, tanks..gal. .07¾ - —
California, 56-58, 275 e.p., tanks..gal. .05 - —
Gulf Coast, US motor, bulk, export..gal. .05¼ - —
60-62, 390 e.p., bulk, export. gal. .05¾ - .05½
60-62, 400 e.p., bulk, export. gal. .05¾ - —
64-66, 375 e.p., bulk, export. gal. .05½ - —
Louisiana-Arkansas, US motor, tanks..gal. .04½ - .04¾
58-60, 450 e.p., tanks..gal. .04½ - .04¾
64-66, 375 e.p., tanks..gal. .05¾ - .05¾
68-70, 350 e.p., tanks..gal. .04¾ - .04¾
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04½ - .04¾
63-67 octane, tanks....gal. .04¾ - .05
68-70 octane, tanks....gal. .05¾ - .06
60-62, 400 e.p., tanks....gal. .04¾ - .05
64-66, 375 e.p., tanks....gal. .05¾ - .05½
natural, 12-lb. v.p., tanks. gal. .05¾ - .05¾
14-lb. v.p., tanks..gal. .03½ - —
18-lb. v.p., tanks..gal. .0420 - .04½
22-lb. v.p., tanks..gal. .02¾ - —
26-70-lb. v.p., tanks...gal. .03½ - .03¾
Pennsylvania, US motor, tanks..gal. .05¾ - —
52-54, 450 e.p., naphtha, tanks..gal. .05¾ - —
60-62, 400 e.p., strt. run, tanks..gal. .06 -

Gasoline, tankwagon and service station (Federal and State taxes included):—

	f.w.	s.s.
Atlanta ..... gal.	.205	.225
Boston ..... gal.	.14	.16
Chicago ..... gal.	.155	.175
Cincinnati ..... gal.	.175	.195
Denver ..... gal.	.19	.21
Louisville ..... gal.	.19	.21
Minneapolis ..... gal.	.164	.184
New Orleans..... gal.	.185	.22
New York..... gal.	.15 -	.182
San Francisco..... gal.	.17	.19

Gelatin, silver, cs..lb. .50 - .55
Gelsemium root, bls..lb. .12 - .18
Gentian root, bls..lb. .11 - .12
grd., bbls., bxs..lb. .13 - .14
powd., bbls., bxs..lb. .14 - .15
Geraniol, cns..lb. .75 - 3.00
Geranyl acetate, bots..lb. 1.75 - 2.50
Ginger root, Africa, bgs..lb. .15¾ - .16¼
Cochin, lemon, bgs..lb. .17¼ - .17¾
Jamaica, bold, bgs..lb. .19 - .21
grinding, bright, bgs..lb. .14¼ - .14¾
medium, bold, bgs..lb. .14¾ - .15¼
Japanese, bgs..lb. .16½ - .17
Ginseng fibers, cs..lb. 1.75 - 2.00
Root, cultivated, cs..lb. 2.00 - 4.00
wild, Southern, cs..lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., 5 tons or over..100 lbs. .85 - —
smaller lots..100 lbs. 1.00 - —
bbls., 5 tons or over..100 lbs. .95 - —
smaller lots..100 lbs. 1.10 - —
import., bgs..100 lbs. 1.05 - 1.85

Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .11 - —
l.c.l., dlvd..lb. .11½ - —
28/58, bgs., c.l., dlvd..lb. .11½ - —
l.c.l., dlvd..lb. .12 - —
38/62, bgs., c.l., dlvd..lb. .12½ - —
l.c.l., dlvd..lb. .13 - —
48/108, bgs., c.l., dlvd..lb. .13 - —
l.c.l., dlvd..lb. .13½ - —
Hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd. East, Midwest..lb. .13½ - —
l.c.l., same basis..lb. .14 - —
60/164, bgs, c.l., same basis.lb. .15 - —
l.c.l., same basis..lb. .15½ - —
67/192, bgs, c.l., same basis.lb. .16 - —
l.c.l., same basis..lb. .16½ - —
75/122, bgs, c.l., same basis.lb. .16½ - —
l.c.l., same basis..lb. .17 - —
83/251, bgs., c.l., same basis.lb. .17 - —
l.c.l., same basis..lb. .17½ - —
92/283, bgs., c.l., same basis.lb. .18 - —
l.c.l., same basis..lb. .18½ - —
102/315, bgs., c.l., same basis lb. .18½ - —
l.c.l., same basis..lb. .19 - —
113/347, bgs., c.l., same basis lb. .19½ - —
l.c.l., same basis..lb. .20 - —
125/379, bgs, c.l., same basis lb. .20½ - —
l.c.l., same basis..lb. .21 - —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C. P., cns., l.c.l..lb. .17½ - .18½
dms., extra, c.l..lb. .15½ - —
l.c.l..lb. .16 - .17
dynamite, dms., extra, c.l..lb. .15½ - —
l.c.l..lb. .16 - —
saponification, basis 88%, dms. returnable, dlvd..lb. .14 - .15
soaplye, basis 80%, dms. returnable, dlvd..lb. .13 - .14
yellow, distilled, dms. extra, c.l. lb. .15¾ - —
l.c.l..lb. .15¾ - —
Glycol borborate, dms..lb. .22 - —
Phthalate, dms..lb. .29 - —
Stearate, dms..lb. .23 - —
Gold, U.S. purchase price..oz. 35.00 - —
Chloride, acid, brown, bots..oz. 21.75 - 22.00
yellow, bots..oz. 19.75 - 20.00
Gold-soda chloride, photo., bots. oz. 13.00 - —
USP IX, bots..oz. 14.50 - 14.75
Gold of pleasure seed, bgs..lb. .14 Nom.
Golden seal root, bls..lb. 2.85 - 2.90
powd., bxs..lb. 3.00 - 3.05
Grains of paradise, bgs..lb. .08¾ - .09
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .05 - —
bbls., c.l., works..lb. .05¼ - —
l.c.l., works..lb. .05½ - —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½ - —
bbls., c.l., works..lb. .02¾ - —
l.c.l., works..lb. .03¼ - —
80% graphitic carbon, bgs., c.l., works..lb. .03½ - —
bbls., c.l., works..lb. .03¾ - —
l.c.l., works..lb. .04½ - —
Grease, house, trcs..lb. .05¼ - .05¾
white, trcs..lb. .06 - .07¾
yellow, trcs..lb. .05¼ - .05¾
Wool (see Adeps lanae and Degras)
Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .20 - —
6-10%, bbls., same basis.lb. .21 - —
11-15%, bbls., same basis.lb. .22 - —
16-20%, bbls., same basis.lb. .23¼ - —
21-25%, bbls., same basis.lb. .23 - —
26-30%, bbls., same basis.lb. .23¼ - —
31-35%, bbls., same basis.lb. .24½ - —
36-40%, bbls., same basis.lb. .26 - —
41-45%, bbls., same basis.lb. .27½ - —
46-50%, bbls., same basis.lb. .29 - —
over 50%, bbls., same basis lb. .30 - —
Chrome and chrome oxide greens prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Texas (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
reduced C.P. color content up to 5%, bbls., same basis.lb. .05¾ - —
6-10%, bbls., same basis.lb. .06¼ - —
11-13%, bbls., same basis.lb. .07 - —
14-16%, bbls., same basis.lb. .07¼ - —
17-19%, bbls., same basis.lb. .07½ - —
20-21%, bbls., same basis.lb. .07¾ - —
22-23%, bbls., same basis.lb. .08 - —
24-25%, bbls., same basis.lb. .08¼ - —
26-27%, bbls., same basis.lb. .08½ - —
28-29%, bbls., same basis.lb. .09 - —
30-31%, bbls., same basis.lb. .09¾ - —
32-33%, bbls., same basis.lb. .11 - —
34-35%, bbls., same basis.lb. .12 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .16 - —
46-50%, bbls., same basis.lb. .16½ - —
51-55%, bbls., same basis.lb. .17 - —
56-60%, bbls., same basis.lb. .17½ - —
61-65%, bbls., same basis.lb. .18 - —
66-70%, bbls., same basis.lb. .19 - —
71-75%, bbls., same basis.lb. .20 - —
Chrome oxide, dom., pure, bbls., contract or open order, same basis as chrome C.P..lb. .17 - .18½
ceramic, light shades, bbls., c.l., works..lb. .26 - —
l.c.l., works..lb. .28 - —
standard grade, bbls., works..lb. .22 - —
import, bbls., kgs., f.o.b. N. Y..lb. .21 - —
Paris (see P)
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls..lb. .08¼ - .10
Guaiac resin, cs..lb. .75 - .85
strained, cs..lb. .95 - 1.00
Wood, bls..lb. .04 - .06
Guaiacol, liq., djms..lb. 1.65 - 1.95
Carbonate, bxs., kgs..lb. 2.15 - 2.40
Guarana, powd., cs..lb. .65 - .70
Gum, aloe (see A)
Ammoniac, tears, cs..lb. .90 - .95
Arabic, amber sorts, cleaned, bgs..lb. .09¾ - .10
white, sorts, 1, bgs..lb. .27 - .29
2, bgs..lb. .25 - .26
powd., bbls..lb. .13 - .14
Asafetida (see A)
Asphaltum (see A)
Benzoin, Siam, cs..lb. 1.15 - 1.65
Sumatra, cs..lb. .16½ - .17
Camphor (see C)
Chicle, bgs..lb. .35 - .40

CHEMICALS
ACENAPHTHENE
ANTHRACENE
CARBAZOLE
DIMETHYLNAPHTHALENE
FLUORENE
METHYLNAPTHALENE
RE-NAP NAPHTHALENE
PHENANTHRENE

ACIDS
CRESYLIC ACID
HIGH BOILING TAR ACIDS
HIGH BOILING XYLENOLS
LOW BOILING XYLENOLS
META PARA CRESOL
ORTHO CRESOL
PHENOL
SYMMETRICAL XYLENOLS
TAR ACID OILS (All Grades)
TECHNICAL CRESOL
U. S. P. CRESOL
U. S. P. PHENOL

CREOSOTE OILS
(ALL SPECIFICATIONS)
A. R. E. A. CREOSOTE OIL
A. W. P. A. CREOSOTE OIL
ANTHRACENE OIL
BRUSHING OIL
CHINCH BUG OIL
DEAD OIL
REILLY WOOD PRESERVING OIL

Reilly
COAL TAR PRODUCTS

COAL TAR OILS
LIGHT OILS
NEUTRAL OIL
TAR ACID OILS (All Grades)
LAMP BLACK OIL
INSECTICIDE OIL
DORMANT SPRAY OIL
DISINFECTING OIL
BINDER TWINE OIL
SPECIAL DISTILLATES

TAR
COAL TAR
COKE OVEN TAR
FISH NET TAR
PIPE DIP TAR
REFINED COAL TAR
SATURATING TAR
WATER GAS TAR

INDUR PLASTICS
(TO SPECIFICATION)
INSULATING VARNISH
LAMINATING VARNISH
MOLDING POWDER
MOLDING RESIN

SPECIAL PRODUCTS
CARBON COKE
COAL TAR PAINTS
FLOTATION OILS
FLOTATION REAGENTS
PICKLING INHIBITORS
PIPE COATING
REILLY CARBON
REILLY TRANSPARENT PENETRATING CREOSOTE
ROOFING FELT, PITCH AND TAR
TRAFFIC MARKING PAINT
BITUVIA ROAD TAR

PITCH
BATTERY PITCH
BRIQUETTING PITCH
COAL TAR PITCH
CORE PITCH
FUEL PITCH
PAVING PITCH
PITCH COKE
ROOFING PITCH

REILLY TAR & CHEMICAL CORPORATION
Executive Offices: Merchants Bank Building, Indianapolis, Indiana
2513 SO. DAMEN AVENUE, CHICAGO, ILLINOIS 500 FIFTH AVENUE, NEW YORK, N. Y. ST. LOUIS PARK, MINNEAPOLIS, MINN.
TWELVE PLANTS TO SERVE YOU

Gum, copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran..lb. .42½- —
Copal, dammar, elemi, kauri, mastic sandarac, and yacca gums prices (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs or over; ½c higher for 1-9 bgs.
2, cloudy white, bgs., c.l., same basis..lb. .26½- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .19½- —
4, pale bold straw, bgs., c.l., same basis..lb. .17½- —
5, pale straw bold, bgs., c.l., same basis..lb. .14½- —
6, pale amber bold, bgs, c.l., same basis..lb. .12½- —
7, pale straw bold, bgs., c.l., same basis..lb. .14¼- —
8, light amber bold, bgs., c.l., same basis..lb. .11½- —
9, medium light amber bold, bgs., c.l., same basis..lb. .09 - —
10, rescraped hard amber bold, bgs., c.l., same basis lb. .09½- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .07½- —
12, selected bold sorts, bgs., c.l., same basis..lb. .06½- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05½- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .19½- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06½- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05½- —
17, pale fingers bgs., c.l., same basis..lb. .16½- —
18, pale straw nubs, bgs., c.l., same basis..lb. .11¼- —
19, pale straw nubs, bgs., c.l., same basis..lb. .10¾- —
20 hard dark amber nubs,bgs., c.l., same basis..lb. .06½- —
21, ordinary selected nubs, c.l., same basis..lb. .05¾- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06¾- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .06¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .13 - —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .05¾- —
26, pale bold chips, bgs., c.l., same basis..lb. .06 - —
27, pale small chips, bgs., c.l., same basis..lb. .05½- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .04¾- —
East India, Batu, bold scraped, bgs., c.l., same basis..lb. .05½- —
unscraped, bgs.,c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .05¾- —
dust, bgs.,c.l.,same basis lb. .05¾- —
nubs, bgs., c.l., same basis..lb. .11½- —
Singapore Ramik, bold, bgs., c.l., same basis..lb. .15½- —
chips, bgs., c.l., same basis lb. .04¾- —
dust,bgs.,c.l.,same basis.lb .05¾- —
nubs,bgs.,c.l.,same basis.lb. .10 - —
Manila, Borneo, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .18¼- —
loba A, bskts., c.l., same basis..lb. .10¾- —
B,bskts.,c.l.,same basis.lb. .09¾- —
C,bskts.,c.l.,same basis.lb. .09¾- —
CNE, bskts., c.l., same basis..lb. .07½- —
D,bskts.,c.l., same besis.lb. .09½- —
DK, bskts., c.l., same basis lb. .07½- —
DU, bskts., c.l., same basis lb. .05¾- —
dust,bskts.,c.l.,same basis, lb. .05¼- —
Sambas and white split chips, bskts., c.l., same basis..lb. .12¼- —
Singapore, dust, bskts., c.l., same basis..lb. .05¼- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .05¼- —
DBB,bskts., c.l.,same basis lb. .08 - —
MA,bskts., c.l.,same basis. lb. .06¾- —
MB,bskts.,c.l.,same basis.. lb. .06¼- —
WS,bskts., c.l.,same basis. lb. .08¾- —
Philippine Manila, amber sorts, bskts., c.l., same basis..lb. .07½- —
chips, pale, bskts., c.l., same basis..lb .05¼- —
small, bskts., c.l., same basis..lb. .07½- —
extra pale sorts, bskts., c.l., same basis..lb. .09¼- —
nubs,bskts.,c.l.,same basis.. lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .05¾- —
Pontianak, bold, genuine, bgs., c.l., same basis..lb. .14¼- —
mixed, bgs.,c.l.,same basis lb. .13¼- —
chips,bgs.,c.l.,same basis..lb. .07¾- —
nubs,bgs.,c.l.,same basis..lb. .10¼- —
split,bgs.,c.l.,same basis.lb. .12¾- —
Dammar, Batavia A, cs., c.l., same basis as copal lb. .21¾- —
A/D, cs., c.l., same basis.lb. .16¾- —
A/E, cs., c.l., same basis.lb. .13¼- —
B, cs., c.l., same basis...lb. .20¾- —
C, cs., c.l., same basis...lb. .16¾- —
D, cs., c.l., same basis...lb. .14¾- —
dust, cs., c.l., same basis.lb. .06¾- —
E, cs., c.l., same basis...lb. .06¾- —
F, cs., c.l., same basis...lb. .06¾- —
Singapore 1, cs.,c.l.,same basis lb. .16¼- —
2, cs., c.l., same basis...lb. .13¾- —
3, cs., c.l., same basis...lb. .05¼- —
chips, cs.,c.l., same basis lb. .09¾- —
dust, cs., c.l., same basis.lb. .04¾- —
seeds,cs.,c.l., same basis..lb .07¾- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Gum, ester, dms, c.l. (36,000 lbs.), dlvd..lb. .07¾- —
l.c.l., lots of 10 over, dlvd.lb. .08 - —
smaller lots, dlvd.....lb. .08¼- —
Euphorbium, cs.....lb. .18 - .20
Galbanum, cs.....lb. .93 - 1.00
Gamboge, pipe, cs.....lb. .58 - .59
powd., bbls.....lb. .65 - .66
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, XXX, bbls., bxs., dms. lb. .24 - .26
XX, bbls., bxs., dms.....lb. .16 - .17
1, bbls., bxs., dms.....lb. .09½- .10
2, bbls., bxs., dms.....lb. .08½- .09
Kauri brown, XXX, cs., c.l., same basis as copal..lb. .60 - —
BX, cs., c.l., same basis..lb. .33 - —
B1, cs. c.l., same basis..lb. .21 - —
B2, cs., c.l., same basis..lb. .15½- —
B3, cs., c.l., same basis..lb. .12 - —
80% chips, cs., c.l., same basis..lb. .09½- —
pale, XXX, cs., c.l., same basis..lb. .65 - —
1, cs., c.l., same basis...lb. .40 - —
2, cs., c.l., same basis...lb. .22 - —
3, cs., c.l., same basis...lb. .15 - —
Kino, tins.....lb. .70 - .80
Mastic, cs., c.l., same basis as copal..lb. .57 - .58
Myrrh, USP, cs.....lb. .35 - .40
Olibanum, siftings, cs.....lb. .07 - .08
tears, cs.....lb. .12 - .28
Opium (see O)
Rosin (see R)
Saadarac, csks., c.l., same basis as copal..lb. .28 - .30
Scammony, cs.....lb. 1.15 - 1.25
Senegal, picked, bgs.....lb. .20 - .21
sorts, bgs.....lb. .11½- .12½
Talha, bgs.....lb. .05 - .06
Thus, bbls.....280 lbs.11.50 nom
strained, bbls.....280 lbs.11.50 nom
Gum, tragacanth, Aleppo, 1, cs.lb. 1.75 - 1.80
2, cs.....lb. 1.65 - 1.70
3, cs.....lb. 1.50 - 1.55
4, cs.....lb. 1.40 - 1.45
5, cs.....lb. 1.30 - 1.35
6, bgs.....lb. .30 - .31
Yacca, bgs., c.l., same basis as copal..lb. .03¼- —
powd., bgs.,c.l.,same basis.lb .04¼- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.12.80 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —
Blue Rapids, Kans., frt. eqald..ton.12.50 - —
New Brighton, N. Y., frt equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.80 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Blue Rapids, Kans., Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex.,frt. equald. ton. 8.80 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
import., bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 2.00 - 2.20
Hellebore,white,root,powd.,bbls.lb. .10½- .11
Helonias root, bls.....lb. .26 - .28
Hematine crystals, bbls.....lb. .16 - .24
Hemlock extract, 25% tan.,bbls.lb. .08½- —
tanks .....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .03¾- .04¼
Henbane leaves, bls.....lb. .22 - .23
Henna leaves, bls.....lb. .07 - .08
powd., bbls, bxs.....lb. .09 - .10
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .35 - —
tanks, Group 3.....gal. .09 - —
normal, 86-100°C., dms, c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10 - —
Hexalin, dms.....lb. .50 - —
Hexane, normal, 60-70°C., dms., c.l., Group 3..gal. .15 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .12 - —
laboratory grade, dms., c.l., Group 3..gal. .19 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms..lb. .35 - .37
USP, dms., 1,000 lbs.....lb. .46 - .47
Hexyl acetate, dms., c.l., f.o.b. dest..lb. .12¾- —
l.c.l., f.o.b. dest.....lb. .13 - —
tanks, f.o.b. dest.....lb. .11¾- —
Homatropine hydrobromide, bots., vls..oz.13.00 -13.50
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.70 - 2.75
Hops, dom., 1935 crop, bls.....lb. .35 - .40
import., 1935 crop, bls....lb. .65 - .85
Horehound, bls.....lb. .06½- .07
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, vls.....oz.11.00 -11.50
Hydrochloride, vls.....oz.11.00 -11.50
Sulphate, vls.....oz.13.00 -13.50
Hydrastis (see Golden seal).
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols..cbys..E.of Miss.R.lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone, bbls., kgs.....lb. 1.10 - 1.15
Hyosine hydrobromide, vls.....oz.13.00 -13.25
Hyoscyamine, vls.....oz.15.00 - —
Hydrobromide, vls.....oz.15.00 - —
Sulphate, vls.....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .15 - .20
solid, bxs.....lb. .17 - .20

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.20
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .12 - .14
powd., bbls.....lb. 1.00 - —
Indol, CP, bots.....lb.34.00 -36.00
Insect flowers (see Pyrethrum).
Iodine, crude, kgs.....lb. .90 - —
resubl., kgs.....lb. 1.50 - 1.55
tincture, bbls.....gal. 1.90 - —
Iodoform, kgs., 100 lbs.....lb. 3.75 - 3.80
Ionone, bots.....lb. 3.25 - 4.00
Ipecac root, bgs.....lb. .82 - .85
powd., bxs.....lb. .87 - .90
Irish moss, ordinary, bls.....lb. .11 - .12
powd., 80-90 mesh, bbls...lb. .22 - .30
prime, bleached, bls.....lb. .18 - .19
Iron acetate, CP, 17% solut.,bbls. lb. .03 - .04
Chloride, tech., cryst., bbls., kgs..lb. .05 - .06
USP, cryst., bbls.....lb. .07½- .08
solut., obys.....lb. .06¼- .06½
Citrate, USP VIII, pearls, cns., lb. .72 - —
powd., cns.....lb. .84 - —
scales, cns.....lb. .77 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 2.90
syrup, djns.....lb. .37 - .38
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - .50
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls,ens.lb. .54 - —
scales, cns.....lb. .59 - —
Ferrous, cns.....lb. .35 - —
Pyrophosphate, pearls, cns...lb. .59 - —
scales, cns.....lb. .64 - —
Reduced, 90%, cs.....lb. .60 - .63
Sulphate, tech. (see Copperas).
USP, cryst., bbls.....lb. .04½- .04¼
Iron-ammonia citrate, brown, gran., cns..lb. .39 - .40
pearls, cns.....lb. .39 - .40
scales, cns.....lb. .49 - .50
green, gran., cns.....lb. .39 - .40
pearls, cns.....lb. .39 - .40
scales, cns.....lb. .49 - .50
Oxalate, cryst., bbls., kgs...lb. .24½- .25½
Iron-potash oxalate, cryst., bbls., kgs..lb. .42 - .43
Iron-soda oxalate, cryst., bbls., kgs..lb. .24½- .25½
Isobutyl carbinol (see Carbinol)
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .58 - —
Isopropanal, see Alcohol, isopropyl.
Isopropyl acetate, dms., cl., frt. alld..lb. .07 - —
..c.l., frt. alld.....lb. .07½- —
tanks, frt. alld.....lb. .06 - —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
tanks ....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .17 - .20
powd., bbls., bxs.....lb. .21 - .24
Juniper berries, bgs.....lb. .04¾- .05¼

K

Kamala, tins.....lb. .24 - .25
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne,41-43 w.w.,tanks,gal. .04¾- —
Gulf ports,p.w.,bulk,export.gal. .03¾- —
w.w., bulk, export.....gal. .04½- .04¼
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .03¾- —
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03¾- .04
42-44 w.w., tanks.....gal. .03¾- .04
Pennsylvania, 45 w.w., tanks. gal. .04¾- .04¾
46 w.w., tanks.....gal. .04¾- .04⅞
Kerosene, tankwagon:—
Atlanta .....gal. .125 - —
Boston .....gal. .075 - —
Chicago .....gal. .090 - —
Cincinnati .....gal. .125 - —
Denver .....gal. .11 - —
Louisville .....gal. .10 - —
Minneapolis .....gal. .102 - —
New Orleans.....gal. .12 - —
New York .....gal. .07½- —
San Francisco.....gal. .115 - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .05½- .06

L

Lady slipper root, bls.....lb. .32 - .35
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs.12.25 -12.50
Middlewestern, trcs....100 lbs.12.25 -12.35
Western, choice, trcs..100 lbs.12.35 -12.45
compound, trcs. .....100 lbs.12.25 -12.50
neutral, trcs. .....100 lbs.13.25 -13.50
Larkspur seed, bgs.....lb. .20 - .22
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .04½- .05¼
Lavender flowers, ordinary, bls.lb. .40 - .42
select, bls. .....lb. .75 - .90
Lead acetate,brown,broken,bbls.lb. .09½- —
white, broken, bbls.....lb. .11 - —
cryst, bbls.....lb. .10½- —
gran., bbls.....lb. .11 - —
powd., bbls.....lb. .11¼- —
Arsenate, dms., c.l., dealers, E. of Rockies..lb. .09¼- —
jobbers, E. of Rockies..lb. .09 - —
W. of Rockies.....lb. .09 - —
l.c.l., consumers, W. of Rockies..lb. .10¾- —
dealers, E of Rockies, 1,000 lbs. or over..lb. .09¾- —
101-999 lbs.....lb. .10¾- —
100 lbs. or less.....lb. .11¾- —
W. of Rockies.....lb. .09¾- —
jobbers, E. of Rockies..lb. .09¾- —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 99 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Lead, blue, basic sulphate, bbls.. c.l., dlvd. E.....lb. .06 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06¼- —
l.c.l., dlvd. E.....lb. .06¼- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
Carbonate (see Lead, white).
Chloride, pure, bxs.....lb. .49 - .50
Iodide, jars.....lb. 2.35 - 2.40
Linoleate, pale, precip., dms.lb. .18 - —
Metal (see daily quotations in market report)
Nitrate, bbls.....lb. .09 - .09½
Oleate, bbls.....lb. .15 - —
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less Pb_3O_4, bbls, c. l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb .0735- —
other points.....lb. .0710- —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla.,Tex. and W. of Cascade Mts. in Ore. and Wash. .....lb .07¾- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore and Wash..lb. .08¼- —
Colo., Mont., N. Mex., Wyo.....lb. .08 - —
other points.....lb. .07¼- —
smaller lots, dlvd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08¼- —
other points.....lb. .08 - —
97%, Pb_3O_4, bbls., c.l. (20 tons) dlvd. Ala., etc..lb. .0760- —
other points.....lb. .0735- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .08 - —
Ariz., etc.....lb. .08¼- —
Colo., etc.....lb. .08¼- —
other points.....lb. .07¾- —
smaller lots, dlvd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
95% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .0785- —
other points.....lb. .0760- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd. Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .08½- —
other points.....lb. .08¼- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah,Wash. and Wyo..lb. .06¾- —
other points.....lb. .06¼- —
l.c.l. dlvd. Ariz., etc..lb. .07 - —
other points.....lb. .06¾- —
Basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .06¼- —
other points.....lb. .06 - —
l.c.l. dlvd. Ariz., etc.lb. .06¼- —
other points.....lb. .06¼- —
in oil, 100-lb. kgs., 1,000 lbs., dlvd..lb. .13 - —
500 lbs., dlvd.....lb. .10½- —
smaller lots, dlvd.....lb. .11¼- —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .27 - .28
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .17 - .19
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefronte, Pa....ton. 7.00 - —
Berkeley, W. Va....ton. 7.00 - —
California, northern..ton.12.25 - —
southern .....ton.11.25 - —
Cedar Hollow, Pa.....ton. 8.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va.ton. 6.25 - —
Easton, La.....ton. 7.00 - —
Farnams, Mass.....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Tenn....ton. 6.25 - —
Leroy, Minn.....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 7.00 - —
Marble Cliff, Ohio...ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich....ton. 7.50 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich...ton. 7.50 - —
Ripplemead, Va.....ton. 6.25 - —
Riverton, Va.....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
Lime, hydrated, paper bags, f.o.b. Bellefonte, Pa...ton. 8.50 - —
Berkeley, W. Va....ton. 8.50 - —
Buffalo .....ton.11.00 - —
California, northern.ton.14.75 - —
southern .....ton.13.75 - —
Cedar Hallow, Pa...ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —

Lime, Hyd.—Metal Leaf

Lime, hydrated, paper bgs., f.o.b.,
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Easton, La.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Marble Cliff, Ohio..ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va.ton. 8.50 - —
Milltown, Ind.....ton.12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Pelham, Ala.....ton. 9.00 - —
Petosky, Mich.....ton. 9.00 - —
Port Inland, Mich...ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 8.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis.....ton. 9.00 - —
Siluria, Ala.....ton. 9.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
spray, paper bgs, f.o.b. Bellefonte, Pa..ton. 9.00 - —
Durbin, Ohio.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio...ton. 11.00 - —
Marble Cliff, Ohio...ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind.....ton. 9.00 - —
Scioto, Ohio.....ton. 9.00 - —
Sherwood, Wis.....ton. 9.00 - —
Woodville, Ohio.....ton.11.00 - —

Salts (see Calcium)

Lime-sulphur, dry, bgs.,consumer, dlvd. Ore..lb. .06¼- .06⅝
Idaho, Utah, and W. Mont..lb. .07¼- .07⅛
Wash. (excepting Ferry, Lincoln, Pend-Oreille, Spokane, Stevens, and Whiteman counties)..lb. .06½- .06⅝
dealers,dlvd.E. of Rockies, except Fla..lb. .07⅜- .06⅛
Ore.....lb. .05½- —
Idaho, etc.....lb. .06⅝- —
Wash. (as above)...lb. .06 - —
Lime sulphur, dry, bgs., jobbers, dlvd. E. of Rockies, except Fla..lb. .07¼- .08¼
Ore.....lb. .05½- —
Idaho, etc.....lb. .06⅝- —
Wash. (as above)...lb. .05¾- —
dms., dealers, dlvd. E. of Rockies, except Fla., lb. .11 - .12
Fla.....100 lbs. 1.90 - 2.00
jobbers,dlvd.E. of Rockies, except Fla..lb. .10¾- —
solution, dms., dealers, dlvd. Del., Ill., Ind., Ia., Ky., Md., Mich., Minn., Mo., N.E. States, N. J.... N. Y., N. C. (Alegheny, Ashe, Rockingham, Stopes and Surry counties), Ohio, Pa., Tenn. (W. of Tenn. R.), Va., W. Va., Wis..gal. .13 - .16
jobbers, same basis...gal. .12½- .14
tanks, 4,000 gals. min., dealers, dlvd. Del., etc..gal. .11 - —
tobbers, same basis...gal. .10½- —
Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, bots.....lb. 1.50 - 2.25
Linden flowers, with leaves, bls.lb. .15 - .16
without leaves, bls.....lb. .17 .18

Linseed cakes, bgs., export..ton.30.00 -30.50
Meal, 32%, dom., bgs.....ton.41.50 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .0635- —
other points.....lb. .0610- —
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .06⅜- —
Ariz., Idaho, Nev.,Utah and E. of Cascade Mts. in Ore. and Wash..lb. .07¼- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06½- —
smaller lots, dlvd., Ala., etc..lb. .07¼- —
Ariz., etc.....lb. .07⅜- —
Colo., etc.....lb. .07½- —
other points.....lb. .07 - —
Lithium bromide, jars.....lb. 1.70 - 1.75
Carbonate, bbls.....lb. 1.25 - 1.30
Chloride, bbls.....lb. 1.65 - 2.00
Citrate, bbls.....lb. 1.40 - 1.50
Fluoride, bbls.....lb. 2.00 - 2.50
Iodide, bots., jars.....lb. 4.70 - 4.75
Lithopone,dom.,high-strength,bgs., 5 tons, dlvd. E. or ex whse. Pac. Cst.....lb. .06 - —
smaller lots, same basis.lb. .06¼- —
bbls., 5 tons, same basis.lb. .06¼- —
smaller lots, same basis.lb. .06½- —
ordinary, bgs., 5 tons, same basis..lb. .04½- —
smaller lots, same basis.lb. .04⅝- —
bbls., 5 tons, same basis.lb. .04⅝- —
smaller lots, same basis.lb. .05 - —

Lithopone, dom., titanated, bgs., 5 tons, same basis..lb. .06 - —
smaller lots, same basis.lb. .06¼- —
bbls., 5 tons, same basis..lb. .06¼- —
smaller lots, same basis.lb. .06½- —
import., bbls., ex dock.....lb. No prices
Liverwort leaves, bls.....lb. .19 - .20
Lobelia herb, bls.....lb. .13 - .15
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls.lb. .16 - .20
liquid, 51°, bbls.....lb. .06½- .10½
solid, bxs.....lb. .13½- .17½
Sticks, Haitian, shipt.....ton.24.00 -25.00
Lovage root, dom., bls.....lb. .55 - .65
import, bls.....lb. .30 - .32
Lupulin, N.F., tins.....lb. 1.25 - 1.30
Lycopodium, cs.....lb. 1.55 - 1.65

M

Mace, Banda, cs.....lb. .58 - .59
Batavia, cs.....lb. .43 - .45
Siauw 1, cs.....lb. .54 - .55
Madder, Dutch, bgs.....lb. .22 - .26
Magnesia arsenate bgs.....lb. .18 - .20
Calcined, dom.,four-hour,including activator, ctns., 10,000 lbs. or over, f.o.b Plymouth Meeting Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½- —
less than 1,000 lbs., same basis..lb. .30 - —
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .28 - —
1-lb. pkgs., same basis.lb. .38 - —
light, bbls., same basis.lb. .28 - —
1-lb. tins, same basis.lb. .33 - —
USP, heavy, bbls., same basis..lb. .30 - —
1-lb. pkgs., same basis.lb. .40 - —
special, bbls., same basis. lb. .27 - —
super light, bbls., same basis..lb. .30 - —
import., heavy, pharm., bbls. lb. .50 - —
light, extra, bbls.....lb. .35 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., bgs., c.l., works..lb. .06 - .06¼
USP, bbls., c.l.....lb. .06½- .09
Chloride, flake, dom., bbls., works..ton.35.00 -39.00
Hypophosphite, cns.....lb. 1.45 - 1.50
Oxide (see Calcined)
Palmitate, bbls.....lb. .23 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.05
Silicate (see Talc)
Silicofluoride, bbls.....lb. .06½- .10½
Stearate, bbls., ctns., c.l....lb. .20 - —
1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
smaller lots.....lb. .23 - —
Sulphate (see Epsom salt)
Magnesite,calc., import., bbls.ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b Chewelah, Wash...ton.22.00 - —
Malva flowers, black, bls.....lb. .40 - .42
blue, bls.....lb. .45 - .50
Leaves, bls.....lb. .12 - .13
Manaca root, bls.....lb. .20 - .21
Mandrake root, bls.....lb. .09¼- .10
Manganese acetate, dms.....lb. .25½- .26¼
Arsenate, bgs.....lb. .12 - .12¼
Borate, tech., bbls.....lb. .15 - .16
Chloride, bbls.....lb. .07½- .08
Dioxide, Caucasian, 85-90%, csks., c.l., works..ton.51.50 - —
l.c.l., 5 tons, works..ton.54.50 - —
smaller lots, works.ton.59.50 - —
burlap bgs.,c.l., works.ton.49.50 - —
l.c.l., 5 tons, works..ton.52.50 - —
smaller lots, works.ton.57.50 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works.ton.50.50 - —
smaller lots, works.ton.55.50 - —
Glycerophosphate, bbls., cans., 100 lbs..lb. 2.60 - 2.65
Hydrate, bbls., dlvd.....lb. .50 - —
Iodide, bots., jars.....lb. 5.10 - 5.15
Linoleate, liquid, 4%, dms...lb. .18 - .19¼
solid, precip., 8.2%, bbls...lb. .17½- .19
Ore, 52% basis, bbls., c.i.f. Atl. pts..unit-ton. .26 - .27
Resinate, fused, 3½%, bbls..lb. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd..bbls.,works.lb. .07 - .07½
cryst., 65% $MnSO_4$, bbls., c.l., dlvd. South.....ton.48.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03¼- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipmt., ton.26.00 - —
Extract, 55%, bgs.....lb. .04 - —
Manna, flake, large, cs.....lb. .50 - .55
small cs.....lb. .28 - .29
Mannitol, pure, cryst., cs., works lb. 1.60 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .21 - .21½
Tunisan, bls.....lb. .20½- .21
Matico leaves, bls.....lb. .30 - .31
Menthol, cs.....lb. 3.25 - 3.35
synthetic, cs.....lb. 2.25 - 2.50
Menthyl salicylate, tins, 100 lb. lots..lb. 3.00 - —
25 lb., lots.....lb. 3.10 - —
Mercurial ointment, 30%, cns..lb. .74 - —
33⅓%, cns.....lb. .77 - —
50%, cns.....lb. 1.07 - —
Mercury (see Quicksilver)
Bichloride (see Corrosive sublimate)
Bisulphate, bgs.....lb. 1.33 - —
Chloride (see Calomel)
Iodide, red, bgs., jars.....lb. 3.45 - 3.50
Yellow, bgs., jars.....lb. 3.55 - 3.60
Nitrate ointment (see Citrine ointment)
Oxide, black, dms., bgs.....lb. 3.85 - —
Red, N.F. (see Red precipitate)
tech. (see Red, mercury oxide)
Yellow, dom., tech., bbl...lb. 1.19 - —
USP, dms., bgs.....lb. 1.69 - —
Mercury and chalk, bgs.....lb. .75 - .76
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Composition, 5½x5½ in.pkg. 1.65 - 1.90
Gold,XX deep,3⅜x3⅜ in.pkg.14.50 -15.00
3⅜x3⅜ in.....pkg.16.00 -16.50
4x4 in.....pkg.18.50 -19.00
3⅜x5½ in.....pkg.21.50 -22.00
3⅜x5½ in.....pkg.23.50 -24.00
Silver, 3¾x3¾ in.....pkg. 2.50 - 2.75

You can bank on our good name

Every bank knows General American's reliability. Because they know that your material is safe when stored with us, banks everywhere accept General American negotiable warehouse receipts as good collateral. This reputation is upheld by the speed and efficiency with which our five modern terminals handle every liquid commodity. You can bank on General American service.

GENERAL AMERICAN TANK STORAGE & TERMINAL CO., Inc.

A SUBSIDIARY OF GENERAL AMERICAN TRANSPORTATION CORPORATION

GATX GENERAL AMERICAN

General American's newest terminal, at Houston, is the most efficient public terminal in the Southwest. If you export or import in this territory, you certainly should learn about the money saving advantages it offers you.

Terminals: Goodhope, La.; Westwego, La.; Corpus Christi, Texas; Houston, Texas; Carteret, N. J.
Office: 135 S. La Salle Street, Chicago, Ill.

Can handle any liquid commodity

Metanitroanilin, kgs.....lb. .67 - .69
Metanitroparatoluidin, bbls....lb. 1.40 - 1.45
Metaphenylenediamine, kgs....lb. .82 - .84
Metatoluylenediamine, kgs.....lb. .67 - .69
Methanol, natural, denat. grade, dms., c.l., frt. alld....gal. .48 - —
tanks, frt. alld.....gal. .43 - —
contracts, frt. alld....gal. .40 - —
95%, dms., c.l., Zone 1, frt. alld..gal. .37½- —
2, frt. alld.....gal. .39½- —
3, frt. alld.....gal. .40½- —
4, frt. alld.....gal. .42½- —
5, frt. alld.....gal. .42½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40 - —
2, frt. alld. or dlvd..gal. .44½- —
3, frt. alld. or dlvd..gal. .43 - —
4, frt. alld. or dlvd..gal. .58 - —
5, frt. alld. or dlvd..gal. .49½- —
tanks, Zone 1, frt. alld.gal. .33 - —
2, frt. alld.....gal. .34½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .36½- —
5, frt. alld.....gal. .36½- —
97%, dms., c.l., Zone 1, frt. alld..gal. .38½- —
2, frt. alld.....gal. .40½- —
3, frt. alld.....gal. .41½- —
4, frt. alld.....gal. .43½- —
5, frt. alld.....gal. .43½- —
l.c.l, Zone 1, frt. alld. or dlvd..gal. .41 - —
2, frt. alld. or dlvd..gal. .45½- —
3, frt. alld. or dlvd..gal. .44 - —
4, frt. alld. or dlvd..gal. .59 - —
5, frt. alld. or dlvd..gal. .50½- —
tanks, Zone 1, frt. alld..gal. .34 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .37½- —
4, frt. alld.....gal. .37½- —
5, frt. alld.....gal. .37½- —
pure, dms, cl., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
5, frt. alld.....gal. .45½- —
5, frt. alld.....gal. .45 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½- —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —
Methanol prices, bbls., 2½c. gal. more than drums
synthetic, guaranteed 99.5%, dms., c.l., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
4, frt. alld.....gal. .45½- —
5, frt. alld.....gal. .45 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½- —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —
Methanol sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah, Wash.; Zone 5, N. Mex., Texas, Wyo.
Methyl acetate, 99%, dms., c.l.; frt. alld. E. of Rockies..lb. .16 - —
W. of Rockies.....lb. .16½- —
l.c.l., frt. alld., E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
95%, dms., c.l., frt. alld. E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .13½- —
l.c.l., frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., l.c.l., frt. alld. lb. .37 - —
Acetone, dms., c.l., contracts, zone 1, frt. alld..lb. .45½- —
2, frt. alld.....gal. .47½- —
3, frt. alld.....gal. .48½- —
4, frt. alld.....gal. .51 - —
5, frt. alld.....gal. .50½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .48 - —
2, frt. alld. or dlvd....gal. .52½- —
3, frt. alld. or dlvd....gal. .51 - —
4, frt. alld. or dlvd....gal. .65½- —
5, frt. alld. or dlvd....gal. .58½- —
tanks, contracts, Zone 1, frt., alld..gal. .41 - —
2, frt. alld.....gal. .42½- —
3, frt. alld.....gal. .44½- —
4, frt. alld.....gal. .44½- —
5, frt. alld.....gal. .44½- —
Methyl acetone in bbls. 2½c. per gal. more, in all brackets. The sales zones are: Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zones 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 5, N. Mex., Tex., Wyo.
synthetic, dms., c.l., Zone 1, frt. all. E. of Rockies..gal. .52½- —
2, frt. alld. E. of Rockies. gal. .54½- —
3, Pacific coast.....gal. .55½- —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .55 - —
2, frt. alld. E. of Rockies. gal. .59½- —
3, Pacific coast.....gal. .58 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .48 - —
2, frt. alld. E. of Rockies. gal. .49½- —
3, Pacific coast.....gal. .51 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D. Zone 3, Pacific coast.
Alcohol (see Methanol).
Anthranilate, bots.....lb. 1.95 - 2.05
Benzoate, bots.....lb. .70 - 1.00
Chloride cylrs.....lb. .40 - —
Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .85 - .86
Iodide, bots., jars.....lb. 5.80 - 5.85
Salicylate dms.....lb. .40 - .42
tins.....lb. .42 - .45
Methyl violet toner, bbls. (500 lbs.)..lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylanthraquinone, bbls.....lb. .80 - .85
Methylene blue, medicl., kgs...lb. 2.00 - 2.25
Methylheptenone, bots.....lb. 3.00 - 4.00
Methylheptin carbonate, bots..lb.27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks.....gal. .80 - —
tanks, wks.....gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Metronite pigment,120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 8.00 - —
l.c.l., same basis.....ton.10.00 - —
180 mesh, containers extra, c.l., containers extra, c.l., same basis..ton.10.00 - —
l.c.l., same basis.....ton.12.00 - —
250 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.17.00 - —
l.c.l., same basis.....ton.19.00 - —
Mica, dry-grd., plastic, No. 100, 48 mesh,bgs.,c.l., works..ton.35.00 - —
l.c.l., works.....ton.43.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works.....ton.41.25 - —
250, 100 mesh, bgs., c.l., works..ton.32.00 -40.00
l.c.l., works.....ton.40.00 -50.00
second-grade, bgs., c.l., works..ton.23.90 -30.00
l.c.l., works.....ton.29.90 -47.50
300, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.23.50 -30.00
l.c.l., works.....ton.30.00 -37.50
wet-grd., 160 mesh, pure white, bgs., c.l., dlvd. E. of Miss. R..100 lbs. 4.50 - —
W. of Miss. R.100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 4.50 - —
standard, bgs., c.l., works, frt. alld. E. of Miss. R. 100 lbs. 3.50 - —
W. of Miss R.100 lbs. 4.00 - —
l.c.l., works.....100 lbs. 3.50 - —
Michler's ketone, kgs.....lb. 2.50 - —
Milk powder, skimmed, roller, bbl., c.l..lb. .09¾- —
l.c.l. .....lb. .10¾- —
spray, bbls., c.l.....lb. .10½- —
l.c.l. .....lb. .11½- —
unskimmed, roller, bbls., c.l..lb. .20 - .21
l.c.l. .....lb. .21 - .22
spray, bbls., c.l.....lb. .20 - .21
l.c.l. .....lb. .21 - .22
Millet seed, bgs.....lb. .03½- .04
hulled, bgs.....lb. .06 - .06½
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks..gal. .06¾- —
Molybdenum metal, 98%, powd., kgs..lb. 1.80 - 2.15
Monoamylamine, dms., l.c.l. works..lb. 1.00 - —
Monochlorobenzene, dms.....lb. .06 - .08½
Monoethanolamine, dms.....lb. .31 - .35
Monoethylanilin, dms.....lb. .77 - .79
Monomethyl para-aminosulphate, dms..lb. 3.75 - 4.00
Morphine, cns.....oz.10.90 -10.95
Acetate, bots.....oz. 8.80 - 8.85
Ethylhydrochloride, vis.....oz.10.50 -10.55
Hydrobromide, cns.....oz. 8.70 - 8.75
Sulphate cns.....oz. 8.75 - 8.80
Mullein flowers, cns.....lb. .85 - .90
Leaves, bls.....lb. .07 - .08
Musk, nat., Cabardine, grained, bots..oz. No stocks
pods, bots.....oz. No stocks
Tonquin, grained, bots....oz.21.00 -22.00
pods, bots.....oz.14.50 - —
synth., ambrette, cns.....lb. 4.20 - —
Ketone, cns.....lb. 4.85 - —
Xylol, 100%, cns.....lb. 1.25 - —
Musk root, bls.....lb. .08½- .09
Mustard seed, Bombay, brown, bgs..lb. .07 - .07½
California, brown, bgs.....lb. .06¾- .07¼
yellow, bgs.....lb. .07½ Nom.
Chinese, yellow, bgs.....lb. .05¼- .05¾
Danish, yellow, bgs.....lb. .08¼- .08½
Dutch, yellow, bgs.....lb. .08½- .09
English, yellow, bgs.....lb. .09 - .09½
Hungarian, yellow, bgs.....lb. .07¾- .08¼
Montana, brown, bgs.....lb. .07¾ Nom.
yellow, bgs.....lb. .07½ Nom.
Roumanian, yellow, bgs...lb. .06¾- .07
Sicilian, brown, bgs.....lb. .11¼ Nom.
Myrobalans, J1, bgs., shipt..ton.22.00 - —
J2, bgs., shipt.....ton.14.25 - —
R2, bgs., shipt.....ton.13.75 - —
Extract, liquid, 25%, bbls...lb. .04¼- —

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).
Naphthalene, crude, dom., bgs., works..100 lbs. 2.50 - 3.00
import., 74-78% bz. Atlantic ports..100 lbs. 2.50 - 3.00
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. E. works. lb. .07¼- —
cs., same basis.....lb. .07½- —
pkgs. (10 oz.), same basis..lb. .08 - —
(12 oz.), same basis... pkg. .08½- —
chipped, crushed, bbls., bgs., same basis..lb. .06½- —
rice, cryst., powd., bbls., same basis..lb. .07½- —
Refined naphthalene Western prices are ½c. per lb. higher, f.o.b. Chicago and Granite City, Ill.; storedoor delivery in metropolitan N. Y., Phila. and Chicago made in mim. 2,000-lb. quantities; smaller lots, 80c. per 100 lbs. higher.
Nerolin, cryst., cns.....lb. 1.27 1.35
Nickel carbonate, bbls.....lb. .26 - —
Chloride, bbls.....lb. .18 - .24
kgs.....lb. .21 - .22
Oxide, black, bbls.....lb. .25 - .28
Salt, double, bbls.....lb. .13 - .13¼
single, bbls.....lb. .13 - .13½
Nicotine, 50%, cns.....6 lbs. 8.25 -10.15
Sulphate, 10-lb. cns.....lb. .76½- 1.06½
5-lb. cns.....lb. .94 - 1.17
dms.....lb. .75 - .85
Nitercake, bulk, works....ton.16.00 - —
Nitrobenzene, dbl. dist., dms.,c.l. lb. .09 - —
l.c.l. .....lb. .11 - —
tanks .....lb. .08½- —
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec. and higher vis., bbls., works..lb. .26 - —
lacquer, 20-30 and 60-80 sec. vis., bbls., works..lb. .29 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra, excepting film scrap; barrels to be paid for extra, but returnable; contract prices are 1c. lower than the above quotations. A contract price of 25c is standard for consumers of 10,000 pounds or over of ester-soluble nitrocellulose a year.
Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports Aug.-June unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., Sept./Dec. shpt. unit-ton. 2.35 - —
Chemical, Ill..unit-ton. 2.50 - —
East Coast products points..unit-ton. 2.75 - —
import., bgs., c.i.f. Atlantic ports, Aug/Dec. shipt., unit-ton. 2.40 - —
Nitronaphthalene, bbls.....lb. .24 - .28
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs.....lb. .20 - .22
Chinese, shipmt., cs.....lb. .20 - .22
Extract (see Gall extract).
Nutmegs, 80s, bgs, cs.....lb. .19 - .20
110s, bgs, cs.....lb. .17 - .17½
West Indian, bgs.....lb. .14¾- .15¼
Nux vomica, bis..... lb. .06 - .07
powd., bbls., bgs.....lb. .07½- .08

O

Oakbark extract, 25% tan., bbls. lb. .03¼- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.S..gal. .10 - —
l.c.l., G.S.....gal. .15 - —
tanks, G.S.....gal. .08 - —
Octyl acetate, dms., c.l.,works.lb. .16 - —
l.c.l., works.....lb. .17 - —
small lots, works.....lb. .20 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.60 - 2.65
e.p.a., bots.....lb. 2.25 - 2.75
sweet, true, exp., cns.....lb. .62 - .68
Amber, crude, cns.....lb. .20 - .21
refd., cns.....lb. .52 - .53
Amyris, cns.....lb. 2.70 - 2.80
Angelica root, bots.....lb.64.00 -75.00
Seed, bots.....lb.72.00 -90.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .52 - .55
Apricot kernel, dom., dms., frt. alld..lb. .23½- .25
spot .....lb. .26 - .28
Russian, dms.....lb. .19 - .20
Babassu, tanks.....lb. .07¾ Nom.
Bay, W.I., cns.....lb. 1.05 - 1.25
Bergamot, artif., cns.....lb. 1.00 - 1.80
natural, coppers.....lb. 2.20 - 2.50
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb .. - .
rectifd., cns.....lb. .75 - .80
Bois de rose, Brazil, cns.....lb. 1.25 - 1.35
Cayenne, cns.....lb. 2.25 - 2.35
Cade, USP, cns.....lb. .26 - .28
Cajeput, tech., dms.....lb. .45 - .46
USP IX, cns.....lb. .47 - .48
Calamus, cns.....lb. 2.75 - 3.00
Camphor, sassafrassy, cns..lb. .15 - .15½
dms.....lb. .13½- .14
white, cns.....lb. .16 - .16½
dms. ... .lb. .14½- .11
Cananga, native, cns.....lb. 2.30 - 2.35
rectifid., cns.....lb. 2.60 - 2.65
Capsicum (oleoresin), USP VIII, cns..lb. 2.00 - 2.25
Caraway, USP, cns.....lb. 2.00 - 2.25
Cardamom, bots.....lb.11.00 -28.00
Cassia, USP, cns., dms.....lb. .90 - .95
Castor, blown, one-way dms., c.l..lb. .12¼- —
l.c.l. .....lb. .13 - —
medicinal, bbls., c.l.....lb. .10¾- —
l.c.l. .....lb. .11½- —
cns. (1-gal.), l.c.l.....lb. .14½- —
dms. (returnable), c.l....lb. .10¼- —
l.c.l. .....lb. .11¼- —
(5-gal.), l.c.l.....lb. .12¼- —
tanks .....lb. .10 - —
No. 3, bbls., c.l.....lb. .10¼- —
l.c.l. .....lb. .11 - —
dms. (returnable), c.l....lb. .10 - —
l.c.l. .....lb. .10¾- —
tanks .....lb. .09½- —
Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices, ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
Sulphonated, 50% (48% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .08½- —
75% (63% fat), dms., c.l..lb. .11¼- —
l.c.l. .....lb. .12 - —
80% (68% fat), dms., c.l..lb. .12½- —
l.c.l. .....lb. .13 - —
Cedarleaf, cns.....lb. .90 @ .95
dms.....lb. .85 - .90
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .18 - .20
Celery, bots.....lb.10.50 -12.50
Chaulmoogra, USP, cns. 500 lbs..lb. .95 - —
25 lbs.....lb. 1.05 - —
Chinawood, dms.....lb. .16¼- .16½
tanks .....lb. .1500- .1570
Cinnamon, Ceylon, bots.....lb. 9.00 - 22.00
Seychelle, bots.....lb. 8.00 -10.00
Citronella, Ceylon, cns.....lb. .21 - .22
dms.....lb. .18 - .19
Java, dms.....lb. .30 - .31
Clove, USP, cns.....lb. 1.00 - —
dms.....lb. .97 - —
Coconut, Manila, crude, tanks lb. .04¾- —
Pac. Cst.....lb. .04½- —
edible, 76°, tax inc., dms. (returnable), c.l..lb. .10 - —
l.c.l. .....lb. .10¾- —
tanks .....lb. .09¾- —

Metanitroanilin—Oil, Lub.

Oil, cod, Newfoundland, tanked, bbls..gal. .43 Nom.
Norwegian, bbls.....gal. .35 - .38
Codliver, med., Norwegian, bbls. bbl.25.00 -27.00
poultry, USP, bbls.....gal. .70 - .75
Coriander, bots.....lb. 6.75 - 7.25
Corn, crude, tanks, works...lb. .09½- .09¾
refd., bbls.....lb. .12½- .12¾
Cottonseed, dom., cooking, bbls. 100 lbs.11.40 - —
salad, bbls.....100 lbs.11.55 - —
import., Brazilian, semirefd., dms..lb. .06¼ Nom.
British, semi-refd., dms..lb. .07¼ Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.40 - 1.45
Cubeb, USP, cns.....lb. 2.75 - 3.25
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.50 -10.00
Cypress, cns.....lb.12.00 - —
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.05 - —
California, 27 plus, bulk..bbl. .80 - .90
Dill seed, bots.....lb. 3.15 - 3.50
Weed, bots.....lb. 5.00 - 5.50
Dip (see D).
Erigeron, cns.....lb. 1.45 - 1.55
Eucalyptus, cans.....lb. .35 - .36
dms.....lb. .33 - .34
Fennelseed, sweet, cns.....lb. 1.05 - 1.10
Fuel, bunker, California, tide-water..bbl. .82½- .85
Gulf Coast.....bbl. .90 - —
Kansas, 24-26.....bbl. .80 - .85
Louisiana-Arkansas, 16-20.. bbl. .60 - .70
18-20 .....bbl. .65 - .75
N. Y. and N. J. terminals:—
Monday .....bbl. 1.05 - —
Tuesday .....bbl. 1.05 - —
Wednesday .....bbl. 1.05 - —
Thursday .....bbl. 1.05 - —
Friday .....bbl. 1.05 - —
Saturday .....bbl. 1.05 - —
North Texas, 24-26.....bbl. .65 - .70
26-30 .....bbl. .70 - .75
Oklahoma, 18-23.....bbl. .65 - .70
24-26 .....bbl. .70 - .75
26-30 .....bbl. .80 - .85
28-30 .....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04¼- .04¾
Furnace, Bayonne, 1, bulk, refinery..gal. .05½- —
2, bulk, same basis.....gal. .04¼- —
3, bulk, same basis.....gal. .04½- —
4, bulk, same basis.....gal. .03¾- —
Kansas, 38-40.....gal. .03½- .03¾
Louisiana - Arkansas, 38 - 40, light straw.....gal. .02¾- .03
Oklahoma, 28-30.....gal. .03 - .03½
32-36 .....gal. .03½- .03¾
36-38 .....gal. .03¾- .03¾
38-40, straw.....gal. .03¼- .03¾
38-40, zero, 60 e.p.....gal. .03¾- .03½
Fusel (see F).
Gas, Bayonne, 32-36, bulk..gal. .04½- —
Gulf Coast, 32-36, bulk....gal. .02 - —
Kansas, 32-36, bulk.....gal. .02¾- .03¾
Louisiana - Arkansas, 32 - 36, bulk .....gal. .06 - .06½
North Texas, 32-36, bulk.gals. .02¾- —
Oklahoma, 32-36, zero, straw, bulk..gal. .02½- .03¾
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 5.25 - 6.75
Bourbon, cns.....lb. 5.25 - 6.75
Turkish, cns.....lb. 1.90 - 2.00
Grapefruit, cns.....lb. 2.85 - 2.90
Ginger, dist., bots.....lb. 3.40 @ 3.50
Guaiac wood, concrete, bots.lb. 3.10 - 3.15
Haarlem, dom., bots.....gross 3.25 - 3.35
import, bots.....gross 3.40 - 3.50
Halibut-liver, dms. 1,000 A unit-gal. .75 - 1.00
Hemlock, cns.....lb. 1.00 - 1.05
Hempseed, crude, dms.....lb. .09½- .09¾
refd., dms.....lb. .10½- .10¾
Herring, tanks, Pan. Cst..gal. .31 - —
Juniper berry, USP, cns.....lb. 1.00 - 2.00
Wood, tech., cns.....lb. .45 - —
Lard, common, 1, bbls..100 lbs. 9.00 - —
2, bbls.....100 lbs. 8.75 - —
extra, bbls.....100 lbs.10.25 - —
1, bbls.....100 lbs. 9.25 - —
headlight, burning bbls.100 lbs.11.50 - —
prime, ed., bbls.....100 lbs.13.75 - —
ined., bbls.....100 lbs.11.50 - —
winter, strained, extra, bbls. 100 lbs.10.50 - —
prime, bbls.....100 lbs.10.75 - —
Lavender flowers, French, USP, cns..lb. 2.75 - 7.25
Garden, cns.....lb. .45 - .50
Spike, Spanish, tech., cns..lb. 1.25 - 1.35
dms.....lb. 1.15 - 1.25
Lemon, Calif., cns.....lb. 1.75 - —
Messina, coppers, cns.....lb. 1.75 - 2.50
Lemongrass, native, cns., dms. lb. .40 - .45
Lime, dist., cns.....lb. 5.45 - 6.00
expressed, cns.....lb. 9.25 -12.00
Linaloe wood, cns.....lb. 1.25 - 1.60
Linseed, boiled, bbls., c.l....lb. .1070- .1090
l.c.l., 5 or over.....lb. .1110- .1130
less than 5.....lb. .1150- .1170
tanks .....lb. .1010- .1030
double boiled, bbls., less than 5..lb. .1170- .1190
raw, bbls., cl.....lb. .1030- .1050
l.c.l., 5 or more.....lb. .1070- .1090
less than 5.....lb. .1110- .1130
tanks .....lb. .0970- .0990
Lovage, bots.....lb.65.00 -66.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70 vis., tanks..gal. .21¼- —
80, 100 vis., tanks...gal. .24½- —
115, 125 vis., tanks..gal. .26½- —
green, pale, 750, 900 vis., tanks..gal. .21½- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks..gal. .21¼- —
pale, red, 100, 140, 1,000 vis., tanks..gal. .21¼- —
pale, 75, 175 vis..tanks.gal. .21¼- —
Oklahoma, 100 vis., 3 color, tanks..gal. .13¾- .14
150 vis., 0-10° pour, tanks, gal. .17 - —
15-20° pour, tanks...gal. .16¼- —
3 color, tanks.....gal. .14 - .14¼
4 color, tanks.....gal. .13½- .13¾
E, tanks.....gal. .21 - —
180 vis., 3 color, tanks.gal. .15¼- .15¼
4 color, tanks.....gal. .14¾- .15
190 vis., tanks.....gal. .25 - —
200 vis., 3 color, tanks.gal. .15¾- .16
4 color, tanks.....gal. .15¼- .15¼
5 color, tanks.....gal. .14¾- .15
E, tanks.....gal. .24 - —
220 vis., 3 color, tanks.gal. .16¾- .17
4 color, tanks.....gal. .16¼- .16¾
5 color, tanks.....gal. .16¼- .16¾
240 vis., 3 color, tanks.gal. .17¾- .18
4 color, tanks.....gal. .17¼- .17½
280 vis., 3 color, tanks.gal. .18¾- .19
4 color, tanks.....gal. .18 - .18¼
5½ color, tanks.....gal. .17½- .17¾

Oil, Lubricating—Petroleum

Oil, lubricating, Penna., bright, 600 cold test, 10-40 pour, tanks gal. .25½- —
10-15 pour, tanks...gal. .26½- —
cylinder, 600 fire, tanks, gal. .16 - —
600 flash, tanks.....gal. .19 - —
630 flash, tanks.....gal. .23½- —
635 fire, tanks.....gal. .17½- —
650 fire, tanks.....gal. .18 - —
Warren, E, amber, tanks..gal. .19½- —
neutral, 150 vis., 3 color, tanks..gal. .22½- —
180 vis.,3 color,tanks.gal. .24 - —
200 vis.,2 color,tanks.gal. .26½- —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .31½- —
unfiltered, 600 s.r., bbls., c.l., f.a.s..gal. .24 - —
600 flash, s.r., bbl., c.l., f.a.s..gal. .25½- —
630 flash, s.r., bbls., c.l., f.a.s..gal. .28 - —
650 s.r., bbls., f.a.s..gal. .24½- —
Warren, E, bbls., c.l.,f.a.s. gal. .26 - —
smaller lots, f.o.b..gal. .31 - —
Mace, dist., cns.....lb. 1.10 - 1.15
Menhaden, crude, tanks, f.o.b. Balto..gal. .27 Nom.
refd., alkali, dms., c.l.....lb. .0740- —
l.c.l. .....lb. .0740- —
tanks .....lb. .0680- —
blown, dms.....lb. .0740- —
kettle-bodied, dms.....lb. .0840- —
light pressed, dms., c.l....lb. .0680- —
l.c.l. .....lb. .0680- —
tanks .....lb. .0620- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP., bots..lb. 1.73 - 1.78
dist., natural, bots.....lb. 8.00 - 9.00
expressed, bbls.....gal. .70 - .75
Neatsfoot, cold test, bbls.100 lbs.16.00 - —
extra, bbls.....lb. 9.50 - —
1, bbls.....100 lbs. 9.25 - —
purs, bbls.....100 lbs.11.50 - —
Special, bbls.....100 lbs.10.50 - —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli bots.....lb.35.00 -60.00
Nutmeg USP, cns.....lb. 1.10 - 1.15
Oiticica, dms.....lb. .13 Nom.
shipment .....lb. .13 Nom.
Oleo, 1, bbls.....100 lbs. 9.75 - —
2, bbls.....100 lbs. 9.25 Nom.
Olibanum, bots.....lb. 5.25 - 5.30
Olive, nom., denat., bbls....lb. 1.25 Nom.
edible, bbls.....gal. 1.75 - 1.85
foots, bbls.....lb. .08¾- .09
sulphonated, 50% (42° fat), dms., c.l..lb. .09 - —
l.c.l. .....lb. .09½- —
75% (63° fat), dms., c.l..lb. .12½- —
l.c.l. .....lb. .13 - —
80% (66° fat), dms., c.l..lb. .13¼- —
l.c.l. .....lb. .14 - —
Orange, sweet, dist., cns....lb. .90 - —
expressed, African, cns., dms..lb. 1.25 - 1.30
Calif., cns.....lb. 2.85 - —
Florida, cns.....lb. 2.85 Nom.
Messina, USP, coppers..lb. 2.85 - 3.25
Spanish, cns.....lb. No stocks
West India, cns.....lb. 2.30 - 2.35
Origanum, Spanish, cns.....lb. .70 Nom.
Orris, Florentine, concrete, extra strong, bots..oz. 5.25 - 5.50
Palm, Niger, cks.....lb. .0455- —
shipment .....lb. .0430- —
softs, 12½%, bulk, shipt....lb. 4.15 - —
20%, bulk, shipt.....lb. 4.10 - —
Sumatra, tanks.....lb. .05 - .05¼
shipment, bulk.....lb. .0450 Nom.
Palmarosa, cns.....lb. 1.60 - 2.00
Palmkernel, bulk, shipt.....lb. .0465 Nom.
Paraffin, 120° flash, 60-70 vis., tanks, G. S..gal. .05¼- —
130° flash, 70-90 vis., tanks, G. S..gal. .05½- —
60-65 vis., bbls. extra, Ind. refy..gal. .12 - —
650° flash, 100-105 vis., bbls. extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. S..gal. .05¾- —
Patchouli, bots.....lb. 4.75 - 6.00
Peanut, crude, tanks, works, lb. .09¼ Nom.
refd., edible, bbls.....lb. .12½ Nom.
Pennyroyal, dom., cns.... lb 1.85 - 2.00
import., cans.....lb. 1.35 - 1.40
Peppermint, natural, cans....lb. 2.65 - 2.90
redist., USP, cans.....lb. 2.90 - 3.15
Perilla, dms.....lb. .09¾- .10
tanks .....lb. .09⅝- .09½
Petitgrain, Paraguay, cns...lb. 1.00 - 1.15
Oil, pimento berry, cns.....lb. 2.20 - 2.50
Leaf, cns.....lb. 1.05 - 1.10
Pine, dest.-dist., straw-color, dms., dlvd. E. ports..gal. .44 - —
steam-dist., straw-color, bbls. gal. .59 - —
tanks .....gal. .54 - —
water-white, bbls.....gal. .64 - —
tanks .....gal. .59 - —
Pineneedle, Siberian, cns....lb. .90 - 1.10
Putty, bbls., El Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid...gal. .25½- —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .11 - .12
denat., bbls.....gal. .65 - .66
Red, dist. or saponif., bbls., dlvd.....lb. .09½- .10¼
dms, dlvd.....lb. .09 - .10
tanks, dlvd.....lb. .08¾- —
white, dms, dvld.....lb. .12 - .13
Rose, artif., bots.....oz. 2.00 - 3.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, tech., cns.....lb. .44 - .46
USP, cns., dms.....lb. .48 - .50
Rosin, 1st rectfd., dms.....gal. .50 - .52
2d rectfd., dms.....gal. .53 - .55
3d rectfd., dms.....gal. .60 - .62
Rue, bots.....lb. 2.15 - 2.20
Sage, cns.....lb. 1.70 - 1.75
Salmon, tanks, Pac. Cst....gal. .32 - Nom.
Sandalwood, Australia, cns..lb. 4.50 - 5.00
E.I., USP, cns.....lb. 4.80 - 5.50
Sardine, crude, tanks, Pac, cst. gal. .32 - Nom.
rfd., alkali, dms, c.l.....lb. .0740- —
l.c.l. .....lb. .0740- —
tanks .....lb. .0680- —
kettle-bodied, dms.....lb. .0840- —
light, pressed, dms, c.l.lb. .0680- —
l.c.l. .....lb. .0680- —
tanks .....lb. .0620- —
poultry feed., dms., Pac.cst. gal. .50 - —
Sassafras, artif., dms.....lb. .37 - .38
cns .....lb. .40 - .41
natural, cns., dms.....lb. .75 - 1.25
Savin, cns.....lb. 1.70 - 1.75
Sesame, dom., refd., white, dms. lb. .13 - .13½
yellow, dms.....lb. .13 - .13½
Shingle stain, bbls., c.l., works, gal. .17½- —
l.c.l., works.....gal. .20 - —
tanks, works.....gal. .14½- —
Snakeroot, Canada, cns.....lb.10.25 -12.50
Soybean, dom., crude, dms..lb. .0930- .0990
tanks .....lb. .0870- —
refd., dms.....lb. .0980- .1070
tanks .....lb. .0920- .0970
Spearmint, USP, cns.....lb. 1.90 - 2.00
Sperm, bleach, 38°, dms.....lb. .0940-.0960
45°, dms.....lb. .0870-.0890
natural, dms.....lb. .0620-.0840
Spruce, cns.....lb. 1.00 - 1.05
Sunflowerseed, refd., dms.....lb. .10½- .10¾
Sweet birch, North., cns.....lb. 3.50 - 3.75
South., cns.....lb. 1.90 - 2.10
Tallow, acidless, bbls....100 lbs. 9.25 - —
tanks .....100 lbs. 8.75 - —
Tansy, cns.....lb. 1.80 - 1.90
Tar, commil., dms., c.l., dlvd. E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tar acid (see T)
Teaseed, dms.....lb. .12 - .12½
shipment, dms.....lb. .10¾- —
Thyme, NF, red, dms.....lb. .80 - 1.25
white, dms.....lb. .85 - 1.30
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns.....gal. 4.00 - 5.00
Valerian, bots.....lb.13.50 -14.00
Vetiver, Bourb., bots.....lb.10.50 -11.00
Walnut, crude, dms.....lb. .10¼- .10½
refd., dms.....lb. .11¼@ .11¾
White, refd., natural, dms..lb. .0680- .0700
winter, bleach, dms.....lb. .0720- .0770
White mineral, dom., tech., 50-60 vis., dms.....gal. .42 - .44
65-75 vis., dms.....gal. .44 - .46
80-90 vis., dms.....gal. .45 - .47
U.S.P., 80-90 vis., dms..gal. .54 - .56
95-105 vis., dms.....gal. .65 - .65
125-135 vis., dms.....gal. .75½- .77½
140-150 vis., dms.....gal. .76½- .78½
175-185 vis., dms.....gal. .78½- .80½
200-210 vis., dms.....gal. .80 - .82
320-330 vis., dms.....gal. .85½- .87½
335-345 vis., dms.....gal. .87 - .89
Oil, white mineral, Russian, 75-85 vis., dom..gal. .52 - —
145-155 vis., dms.....gal. .74½- —
185-190 vis., dms.....gal. .76½- —
275-285 vis., dms.....gal. .80 - —
335-345 vis., dms.....gal. .85 - —
Wintergreen, natural, North., cns..lb. 4.00 - 5.00
South., cns.....lb. 3.35 - 3.75
synth. (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.00 - 2.10
Wormwood, cns.....lb. 2.65 - 2.75
Ylang-ylang, Bourb., bots., cns. lb. 3.50 - 4.00
Manila, bots.....lb.26.00 -30.00
Opium, USP, cns.....lb.11.50 -12.50
gran., cns.....lb.12.50 -13.50
powd., cns.....lb.12.50 -13.50
Orange, chrome (see Yellow, chrome).
Lake, Persian, bbls.....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore and Wash..lb. .10¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¾- —
Colo., Mont., N. M., Wyo..lb. .10½- —
Other points.....lb. .10 - —
smaller lots, dlvd. Ala., etc..lb. .10¾- —
Ariz., etc.....lb. .11¼- —
Colo., Mont., N. M., Wyo..lb. .11 - —
Other points.....lb. .10½- —
French Tours, csks., ex dock..lb. .17 - —
kgs., ex dock.....lb. .18½- —
Peel, bitter, bls.....lb .08¼- .09
Sweet, bls..... lb .09 - .10
Toner bbls.....lb. .80 - —
Orangedower petals, cs.....lb. .85 - .90
Orris root, Florentine, bgs.....lb. .09 - .10
fingers, cs.....lb. .95 - 1.00
powd., bbls., bxs.....lb. .12 - .15
Verona, bls.....lb. .09 - .09
powd., bxs., cs.....lb. .11 - .12
Orthoaniside, bbls.....lb. .82 - .84
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .35 - .75
Orthocresol, dms.....lb. .13 - .15
Orthodichlorobenzene, dms.....lb. .06½- .11¼
Orthonitroanilin, dms.....lb. .48 - .60
Orthonitrochlorobenzene, kgs...lb. .28 - .29
Orthonitroparachlorophenol,cns.lb. .70 - .75
Orthonitrophenol, kgs.....lb. .85 - .90
Orthonitrotoluene, dms.....lb. .07 - .10
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .14½- .15
Osage orange extract, cryst.,bbls. lb. .17 - .19
liquid, 51°, bbls.....lb. .07 - .08
Oxyquinolin sulphate, cns, 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.00 - 1.05
Paprika, Hungarian, bgs.....lb. .22 - .23½
Spanish, extra fancy, cs.....lb. .25 - .25½
fair, bgs.....lb. .24½- .25½
fancy, med., bgs.....lb. .24 - .24½
Para-aminoacetanilide, kgs....lb. .95 Nom.
Para-aminophenol, bgs., bbls..lb. 1.05 - —
Hydrochloride, bbls.....lb. 1.25 - —
Para-amyiphenol, tertiary, dms., l.c.l., works...lb. .50 - —
Parachlorophenol, dms.....lb. .30 - .45
Paracymene, rfd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms.....lb. .16 - .20
kegs .....lb. .18 - .22
Paraffin, crude, scale, white 122-124 A.m.p., bgs c.l., Okla., refy..lb. .02¾- .02½
bbls., c.l., N. Y.....lb. .0235- —
124-126 A.m.p., bgs., c.l., Okla. refy..lb. .02⅝- .02½
bbls., c.l., N. Y.....lb. .0240- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02½ Nom.
fully rfd., slabs, 120-123 A.m.p., bgs., c.l..lb. No prices
128-125 A.m.p., bgs., c.l..lb. .0445- —
export, f.a.s. N. Y..lb. .0440- —
125-127 A.m.p., bgs., c.l..lb. .0455- —
export, f.a.s., N. Y..lb. .0414- —
Paraffin, fully rfd., slabs, 128-130 A.m.p., bgs., c.l..lb. .0480- —
export, f.a.s. N. Y..lb. .0434- —
130-132 A.m.p., bgs., c.l..lb. .0490- —
export, f.a.s. N. Y..lb. .0490- —
133-135 A.m.p., bgs., c.l..lb. .0555- —
export, f.a.s. N. Y..lb. .0514- —
135-137 A.m.p., bgs., c.l.lb. .0580- —
export, f.a.s. N. Y..lb. .0534- —
138-140 A.m.p., bgs., c.l..lb. .0650- —
143-145 A.m.p., bgs., c.l..lb. .0790- —
Refined paraffin prices in cases are ½c. lb. higher than bags price.
match, A.m.p. up to and incl. 110-112, bbls., c.l..lb. .08 - —
semirfd., solid, 122-124 A.m.p., bgs..lb. .02¾- Nom.
Paraformaldehyde, kgs., 1,000 lbs. lb. .38 - —
100-lbs. .....lb. .39 - —
Paraldehyde, tech., dms., wks.lb. .16 - .18
USP, cbys.....lb. .37 - .45
Paranitroanilin, kgs.....lb. .47 - .49
Paranitrochlorobenzene, kgs...lb. .23½- .24
Paranitrophenol, kgs.....lb. .35 - .37
Paranitrotoluene, kgs.....lb. .36 - .37
Paraphenylenediamine, bbls...lb. 1.26 - 1.30
Paratertiaryamyiphenol, dms., 56,000 lbs., Wyandotte, Mich. lb. .32 - —
10,000 lbs., same basis.....lb. .35 - —
2,000 lbs., same basis.....lb. .40 - —
1,000 lbs., same basis.....lb. .50 - —
6 lbs., same basis.....lb. 1.00 - —
1-5 lbs., same basis.....lb. 2.00 - —
tanks, same basis.....lb. .31 - —
Paratoluenesulphonamide, bbls.lb. .70 - .75
Paratoluenesulphonanilide, bbls.lb. .55 - —
Paratoluidin, bbls.....lb. .58 - .60
Pareira brava root, bls.....lb. .13 - .14
Paris green, bxs., frt, all'd E. of Cleve..lb. .28 - .31
kgs., same basis.....lb. .22 - .24
kits, same basis.....lb. .26 - —
Passion flower herb, bls.....lb. .06½- .07
Patchouli leaves, bls.....lb. .15 - .16
Pellitory root, bls.....lb. .16 - .17
Pennyroyal, bls.....lb. .10 - .11
Pentane, norm., 28-38°, dms., c.l., G.S..gal. .10 - —
l.c.l., G.S.....gal. .15 - —
tanks, G.S.....gal. .09 - —
laboratory grade, dms., c.l., G.S..gal. .19 - —
l.c.l., G.S.....gal. .25 - —
Pepper, black, Alleppy, bgs...lb. .08½- .09
Lampong, bgs.....lb. .04¾- .05
Tellicherry, bgs.....lb. .09 - .09½
Red, birdseye, new crop, bgs., afloat..lb. .15 - .16½
old crop, bgs.....lb. .13 - .13½
Japanese, 1, bgs.....lb. .10¾- .11¼
Mombassa, bgs.....lb. .13⅝- .14
White, Borneo, bgs.....lb. .08½- .09
Java, Muntok, bgs.....lb. .08¾- .09
Saigon, bgs.....lb. .09 - .09½
Singapore, Muntok, bgs....lb. .08¾- .09
Peppermint leaves, dom., bls..lb. .30 - .32
import., bls.....lb. .45 - .50
Persian berry extract, bbls....lb. .55 Nom.
Peru balsam, dms.....lb. 1.05 - 1.10
Petrolatum, amber, dark, bbls., c.l..lb. .02¾- .03½
light, bbls., c.l.....lb. .03½- .03¾
medium, bbls., c.l.....lb. .03⅝- .03¾
cream, bbls., c.l.....lb. .05 - .05¼
green, dark, bbls., c.l.....lb. .02¾- .03⅛
red, bbls., c.l.....lb. .03⅛- .03⅜
veterinary, bbls., c.l.....lb. .03⅜- .03⅝
white, lily, bbls., c.l.....lb. .06 - .06¼
snow, bbls., c.l.....lb. .07 - .07⅛
Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights.....bbl. .74 - .95
Athens .....bbl. .84 - 1.07
Belridge .....bbl. .70 - 1.83
Buena Vista Hills.....bbl. .70 - 1.86
Coalinga .....bbl. .70 - .90
Coyote Hills (West)...bbl. .78 - 1.83
Domingues .....bbl. .79 - 1.04
East Coyote.....bbl. .76 - .96
Elk Hills.....bbl. .70 - 1.33
Elwood Terrace, f.o.b.ship. bbl. 1.26 - 1.43
Huntington Beach.....bbl. .78 - 1.23
Inglewood .....bbl. .79 - 1.27
Kern Front.....bbl. .70 - —
Kern River.....bbl. .79 - —
Kettleman Hills.....bbl. 1.19 - 1.43
La Habra.....bbl. .76 - .96
Lakeview .....bbl. .85 - 1.04
Lost Hills.....bbl. .70 - 1.33
McKittrick .....bbl. .70 - —
Midway - Sunset (except Lakeview)..bbl. .70 - 1.28
Montebello .....bbl. .77 - 1.43
Mt. Poso.....bbl. .70 - —
Mountain View.....bbl. .70 - 1.30
Newhall .....bbl. .70 - —
Olinda Brea.....bbl. .76 - 1.27
Orcutt .....bbl. .70 - .96
Playa del Rey, f.o.b. pipeline .....bbl. .80 - 1.16
Richfield .....bbl. .76 - 1.09
Rosecrans .....bbl. .84 - 1.06
Round Mt.....bbl. .70 - —
Santa Fe Springs.....bbl. .78 - 1.43
Santa Paula.....bbl. .70 - 1.01
Seal Beach.....bbl. .79 - 1.19
Signal Hill.....bbl. .80 - 1.21
Torrence .....bbl. .80 - 1.05
Wheeler Ridge.....bbl. .70 - .83
Whittier .....bbl. .76 - .96
Canada:—
Oil Springs.....bbl. 2.17 - —
Petrolia .....bbl. 2.10 - —
Central West:—
Illinois .....bbl. 1.23 - —
Lima .....bbl. 1.26 - —
Midland (Mich.).....bbl. 1.42 - —
Princeton .....bbl. 1.13 - —
East Texas.....bbl. 1.15 - —
Gulf Coast:—
Barber's Hill.....bbl. .92 - 1.25
Batson .....bbl. .92 - 1.27
Conroe .....bbl. 1.24 - 1.54
Dayton .....bbl. .92 - 1.27
Evangeline .....bbl. .92 - 1.23
Goose Creek.....bbl. .92 - 1.23
High Island.....bbl. .92 - 1.23
Hull .....bbl. .92 - 1.23
Humble .....bbl. .92 - 1.23
Liberty .....bbl. .92 - 1.23
Markham .....bbl. .92 - 1.23
Orange .....bbl. .92 - 1.23
Pettus .....bbl. 1.25 - —
Pierce Junction.....bbl. .92 - 1.23
Port Lavaca.....bbl. .80 - —
Refugio, heavy.....bbl. .90 - —
light .....bbl. .92 - 1.23
Saratoga .....bbl. .92 - 1.23
Sour Lake.....bbl. .92 - 1.23
Spindle Top.....bbl. .92 - 1.23
Sugarland .....bbl. .92 - 1.23
Terry .....bbl. .92 - 1.23
West Columbia.....bbl. .92 - 1.23
Kentucky, Tennessee:—
Oil City, in Stoll lines..bbl. .100 - —
Somerset .....bbl. 1.30 - 1.35
Western Kentucky, all gravities..bbl. 1.13 - —

NATIVE SON NOMINATED!

3-Plank Potash Platform

PLANT FOOD RICHNESS
MECHANICAL CONDITION
DISTINCTIVE RED COLOR

50% GRADE Red Muriate 60% GRADE

POTASH COMPANY OF AMERICA

Mercantile Trust Bldg., BALTIMORE, MD.

Petroleum, crude, bulk, at wells—			
Louisiana, Arkansas:—			
Bosco	bbl.	1.02	- —
Bull Bayou	bbl.	.71	- 1.06
Caddo	bbl.	.76	- 1.10
Cameron Meadows	bbl.	.82	- 1.12
Cotton Valley	bbl.	.76	- 1.10
De Soto	bbl.	.76	- 1.10
El Dorado	bbl.	.76	- 1.10
Haynesville	bbl.	.76	- 1.10
Homer	bbl.	.76	- 1.10
Iowa	bbl.	.72	- 1.08
Lockport	bbl.	.92	- 1.23
Miller County	bbl.	.76	- 1.10
Nevada	bbl.	.65	- —
Pine Island	bbl.	.84	- 1.06
Rodessa	bbl.	.76	- 1.10
Smackover	bbl.	.70	- .80
Urania	bbl.	.97	- —
Mexico, f.o.b. terminals, Mexican ports—based on contract:—			
Panuco	bbl.	1.00	- —
Tax, 12.268c. per bbl.			
Tuxpan	bbl.	No prices	
Tax, 20.261c. per bbl.			
Midcontinent:—			
Corsicana	bbl.	.80	- —
North Texas	bbl.	.86	- 1.13
Oklahoma-Kansas	bbl.	.86	- 1.13
Pennsylvania, Ohio, West Virginia:—			
Bradford-Allegany	bbl.	2.45	- —
Corning	bbl.	1.43	- —
Pennsylvania grade, in Buckeye lines	bbl.	1.97	- —
Eureka lines	bbl.	2.13	- —
S.W. Penn lines	bbl.	2.17	- —
lower district in National Transit lines	bbl.	2.27	- 2.43
Rocky Mountain:—			
Big Muddy	bbl.	1.11	- —
Cat Creek	bbl.	1.07	- —
Elk Basin	bbl.	1.13	- —
Frannie, heavy	bbl.	.73	- —
light	bbl.	.78	- —
Grass Creek, heavy	bbl.	.79	- —
light	bbl.	1.13	- —
Greybull	bbl.	1.26	- —
Lance Creek	bbl.	.75	- —
Pondera	bbl.	1.05	- —
Rock Creek	bbl.	1.13	- —
Salt Creek	bbl.	.94	- 1.15
Sunburst	bbl.	1.15	- —
South, Central and Southwestern Texas:—			
Cass County	bbl.	.86	- 1.10
Darst Creek	bbl.	.97	- 1.02
Luling	bbl.	.90	- —
Lytton Springs	bbl.	1.00	- —
Mirando	bbl.	.85	- —
Panola County	bbl.	.84	- 1.08
Salt Flat	bbl.	1.02	- —
Saxet	bbl.	.90	- —
Tomball	bbl.	1.20	- —
Van	bbl.	.79	- 1.08
Texas Panhandle:—			
Carson-Hutchinson counties	bbl.	.81	- .92
Gray County	bbl.	.86	- .96
West Texas:—			
Artesia, N. M.	bbl.	.75	- —
Crane	bbl.	.75	- .90
Crockett	bbl.	.75	- .90
Ector	bbl.	.75	- .90
Glasscock	bbl.	.75	- .90
Hobbs, N. M.	bbl.	.65	- —
Hogback	bbl.	1.21	- —
Howard	bbl.	.75	- .90
Jackson, N. M.	bbl.	.75	- —
Lea, N. M.	bbl.	.75	- .90
Maljamar, N. M.	bbl.	.75	- —
Mitchell	bbl.	.80	- —
Pecos	bbl.	.75	- .90
Upton	bbl.	.75	- .90
Winkler	bbl.	.85	- —
Ether, .30-60°, dms., c.l. G.S.	gal.	.15	- —
l.c.l., G.S.	gal.	.17	- —
tanks, G.S.	gal.	.13	- —
35-60°, dms., l.c.l., G.S.	gal.	.35	- —
40-75°, dms., c.l., G.S.	gal.	.15	- —
l.c.l., G.S.	gal.	.16	- —
tanks, G.S.	gal.	.13	- —
laboratory grade, dms., c.l., G.S.	gal.	.19	- —
l.c.l., G.S.	gal.	.25	- —
10-gal. lots, G.S.	gal.	.50	- —
Lacquer, diluent, at refinery:—			
California, 49-51, 225 i.b.p., 335 e.p., tanks	gal.	.12	- —
58-62, 160 i.b.p., 270 e.p., tanks, delvd. Los Angeles	gal.	.12½	- —
San Francisco	gal.	.14	- —
f.o.b. Richmond	gal.	.14	- —
Willbridge, Ore.; Pt. Wells, Wash.	gal.	.14½	- —
61-65, 149 i.b.p., 275 e.p., tanks	gal.	.15	- —
East Coast, tanks	gal.	.12	- .13½
drums	gal.	.19	- —
Group 3, tanks	gal.	.06¾	- .08½
Naphtha, cleaners, at refinery:—			
East Coast, tanks	gal.	.09½	- —
Group 3, tanks	gal.	.07¾	- .07½
tankwagon, Boston, ex-tax,	gal.	.12	-
Chicago, inc. 3c. tax	gal.	.145	- .155
Decatur, inc. 3c. tax	gal.	.17½	- .18½
Des Moines, inc.3c.tax	gal.	.173	- .183
Evansville, Ind, ex tax	gal.	.149	- .162
Milwaukee, inc. 4c. tax,	gal.	.188	- .198
Minneapolis-St. Paul, inc. 3c. tax	gal.	.179	- .189
Newark, ex tax	gal.	.11½	-
New York, ex tax	gal.	.11½	-
Omaha, ex tax	gal.	.149	- .159
Oklahoma City, ex tax	gal.	.15	- .16
Philadelphia, ex tax	gal.	.11½	-
St. Louis, ex tax	gal.	.142	- .152
Syracuse, 150 gals.	gal.	.14	-
smaller lots, galv. drums,	gal.	.16	-
milk cans	gal.	.21	- -
Tulsa, ex tax	gal.	.15	- .16
high solvency, aromatic, 8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J.	gal.	.17	- —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt.	gal.	.16½	- —
90, same basis	gal.	.16½	- .17
hydrogenated, 1, tanks, f.o.b. Bayway, frt. equald. nearest comp. pt.	gal.	.16	- —
2, same basis	gal.	.18	- —
3, same basis	gal.	.19	- —
4, same basis	gal.	.18	- —
V.m.&p., at refinery:—			
California, 49.5, 255 i.b.p., 390 e.p., tanks, f.o.b. El Segundo	gal.	.13½	- —
Richmond	gal.	.14	- —
Willbridge, Ore., Pt. Wells, Wash.	gal.	.14½	- —
54-57, 190 i.b.p., 310 e.p., tanks, delvd. Los Angeles	gal.	.12½	- —
San Francisco	gal.	.13	- —
East Coast, tanks	gal.	.10	- —
Group 3, tanks	gal.	.07¾	- .07½
Pennsylvania, tanks	gal.	.07½	- —

Petroleum, naphtha, v.m.&p., tankwagon, Boston, ex-tax,	gal.	.10	- —
Chicago, inc. 3c. tax	gal.	.14½	- .15½
Decatur, inc. 3c. tax	gal.	.150	- —
Des Moines, inc.3c.tax	gal.	.173	- .183
Evansville, Ind., ex tax.	gal.	.149	- .159
Milwaukee, inc. 4c.tax.	gal.	.188	- .198
Minneapolis-St. Paul, inc. 3c. tax.	gal.	.179	- .189
Newark, ex tax	gal.	.12½	- —
New York, ex tax	lb.	.11½	- —
Omaha, ex tax	gal.	.140	- .159
Philadelphia, ex tax	gal.	.115	- .152
St. Louis, ex tax	gal.	.142	- .152
Solvent, rubber, at refinery:—			
California, 60.2-63.5, 167 i.b.p., 230 e.p., tanks, inc. tax.	gal.	.14	- .14½
62.3, 104 i.b.p., 226 e.p., tanks, inc. tax.	gal.	.14	- .14½
East Coast, tanks	gal.	.09½	- —
Group 3, light, 120 i.b.p., 250 e.p., tanks.	gal.	.07¾	- .07½
standard, 150 i.b.p., 260 e.p., tanks.	gal.	.07¾	- .07½
Stoddard (CS 3-28), at refinery):—			
East Coast, tanks	gal.	.09½	- —
Group 3, tanks	gal.	.06¾	- .07
tankwagon, Boston, ex tax.	gal.	.12½	-
Chicago, inc. 3c. tax.	gal.	.14	- .15
Decatur, inc. 3c. tax.	gal.	.14½	- .15½
Des Moines, inc.3c.tax.	gal.	.163	- .173
Evansville, Ind., ex tax.	gal.	.142	- .152
Milwaukee, inc. 4c.tax.	gal.	.178	- .188
Minneapolis-St. Paul, inc. 3c. tax.	gal.	.154	- .164
Newark, ex tax	gal.	.10½	- —
New Orleans, ex tax.	gal.	.11	- —
New York, ex tax	gal.	.10½	- —
Oklahoma City, ex tax.	gal.	.12	- .13
Omaha, ex tax	gal.	.13	- .14
Philadelphia, ex tax	gal.	.11½	- —
St. Louis, ex tax	gal.	.11½	- .12½
Tulsa, ex tax	gal.	.10	- .11
Thinner, at refinery:—			
California, 35.5, 300 i.b.p., 413 e.p., low anilin, tanks, f.o.b. Los Angeles	gal.	.14	- —
Portland, Ore.	gal.	.16	- —
Richmond	gal.	.13½	- —
Seattle, Wash.	gal.	.15½	- —
42-46, 305 i.b.p., 410 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore.	gal.	.12½	- —
Richmond	gal.	.12	- —
Southern Calif'nia.	gal.	.11½	- —
55, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo.	gal.	.13½	- —
Portland, Ore.	gal.	.14½	- —
Richmond	gal.	.14	- —
Seattle, Wash.	gal.	.14½	- —
East Coast, 43-47, tanks.	gal.	.09	- —
47-49, tanks.	gal.	.09	- —
Group 3, tanks	gal.	.06¾	- .06½
Pennsylvania, tanks	gal.	.06¾	- —
tankwagon, tax included:—			
Albany	gal.	.135	- —
Baltimore	gal.	.12	- .15
Bingham, N. Y.	gal.	.14	- .16
Boston	gal.	.12	- .13
Bridgeport, Conn.	gal.	.13	- —
Buffalo	gal.	.14	- —
Camden, N. J.	gal.	.118	- .128
Chicago	gal.	.152	- .162
Decatur, Ill.	gal.	.176	- —
Des Moines	gal.	.163	- .173
Evansville, Ind.	gal.	.142	- .152
Milwaukee	gal.	.178	- .188
Minneapolis-St. Paul.	gal.	.203	- .213
Newark	gal.	.10½	- —
New York	lb.	.10½	- —
Omaha	gal.	.139	- .149
Philadelphia	gal.	.115	- .125
Pittsburgh	gal.	.12	- .14
Providence	gal.	.12	- .13
Rochester	gal.	.12	- .14
St. Louis	gal.	.132	- .142
Syracuse	gal.	.14	- —
Trenton	gal.	.11½	- .12½
Wilmington, Del.	gal.	.15	- —
contracts, 1,000 gals.	gal.	.13	- —
Phenobarbital, bots.	lb.	4.50	- 4.65
Phenol, USP, dms., c.l. works, frt. equald.	lb.	.14¼	- —
l.c.l., same basis	lb.	.15	- —
tins, c.l., same basis	lb.	.15½	- —
l.c.l., same basis	lb.	.16	- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs.	lb.	.75	- —
bbls., dms., kegs, 100-250 lbs.	lb.	.77	- —
yellow, bbls.	lb.	.70	- —
Phenyl chloride, dms.	lb.	.16	- —
Phenylacetaldehyde, bots.	lb.	4.65	- 8.25
Phenylhydrazin hydrochloride, CP, bots., works.	lb.	3.80	- 5.10
commercial, kgs., works.	lb.	3.20	- 6.50
pure, bots., works	lb.	2.95	- 3.25
Phloroglucinol, CP, tins, works.	lb.	20.00	-22.00
tech., tins, works.	lb.	15.00	-16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines.	long ton.	4.35	- —
land pebble, 68% min., bulk, mines.	long ton.	1.85	- —
70% min., bulk, mines.	long ton.	2.35	- —
72% min., bulk, mines.	long ton.	2.95	- —
75% basis, 74% min., bulk mines.	long ton.	3.85	- —
Tenn., 72%, bulk, mines.	long ton.	4.50	- —
78%, bulk, mines.	long ton.	5.50	- —
Phosphorus, red, cs.	lb.	.40	- .44
Yellow, cs.	lb.	.28	- .37½
Oxychloride, cyls.	lb.	.16	- .20
Sesquisulphide, cs.	lb.	.38	- .49
Trichloride, cyls.	lb.	.16	- .20
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R.	lb.	.14½	- —
l.c.l., same basis	lb.	.15½	- —
Pichi leaves, bgs.	lb.	.08	- .10
Pilocarpine hydrochloride, bots., vls.	oz.	2.50	- 2.75
Nitrate, bots., vls.	oz.	2.40	- 2.65
Pimento, bgs.	lb.	.15½	- .16
Pinkroot, bls.	lb.	.35	- .36
Pitch, Burgundy (see B).			
Coaltar, 160° m.p., bbls., c.l., works.	ton.	19.00	- —
l.c.l.	ton.	22.00	- —
hardwood, 1-time, dm., c.l., dlvd. Akron.	ton.	20.00	-21.00
f.o.b. works	ton.	15.00	- —
Linseed, dms.	lb.	.04½	- .05
Petroleum (see Asphaltum, Mexican, Texas).			
Pine, bbls.	bbl.	4.00	- 4.50
Stearin, dms.	lb.	.03	- .04½
Plaster of paris (see Gypsum).			
Pleurisy root, bls.	lb.	.12	- .13
Podophyllin, cns.	lb.	3.00	- 3.25
Poke root, bls.	lb.	.06½	- .07
Pomegranate bark, bgs.	lb.	.18	- .19
Root bark, bgs.	lb.	.40	- .41

Poppy flowers, red, bls.	lb.	.35	- .40
Seed, Dutch, bgs.	lb.	.06½	- .06¾
Hungarian, bgs.	lb.	.0640	- .0660
Polish, bgs.	lb.	.06	- .06¼
Potash acetate, USP, bbls., kgs.	lb.	.36	- .38
50% sol., bbls.	lb.	.06½	- .08
Bicarbonate, USP, cryst., bbls.	lb.	.09	- .12
gran., bbls.	lb.	.10	- .12
Bichromate, bbls.	lb.	.08½	- .09
Binoxalate, dms.	lb.	.23	- —
Bisulphate, kgs.	lb.	.15½	- .18
Bromide, bbls.	lb.	.31	- .33
Carbonate, calc., 99-100%, cks. lb.		.06½	- .09
96-98%, cks., c.l., Bost., Balto. arrival.	lb.	.06¾	- —
l.c.l., 5 or over, same basis.	lb.	.07½	- —
N. Y. arrival	lb.	.07½	- —
N. Y. stocks	lb.	.07½	- —
less than 5, Bost., Balto. arrival.	lb.	.07½	- —
N. Y. arrival	lb.	.07¾	- —
N. Y. stocks	lb.	.07¾	- —
80-85%, cks.	lb.	.07½	- .07½
Carbonate, hydrated, 83-85%, bbls., c.l., works.	lb.	.06	- —
l.c.l., 10 or over	lb.	.06½	- —
I-9	lb.	.06¾	- —
liquid, dms., dlvd.	lb.	.03½	- .03¾
USP, gran., bbls.	lb.	.14	- —
powd., bbls.	lb.	.17	- —
Caustic, flake, 88-92%, dom., dms., c.l., works.	lb.	.07	- —
l.c.l.	lb.	.07½	- .07¾
import., dms.	lb.	.07	- .07¾
liquid, 45% basis, dms.	lb.	.03½	- .03¾
tanks	lb.	.02¾	- —
solid, 88-92%, dom., dms., c.l., works.	lb.	.06½	- —
l.c.l.	lb.	.06¾	- .06¾
import., cnks.	lb.	.06½	- .06¾
Chlorate cryst., kgs.	lb.	.09¼	- .09½
gran., kgs.	lb.	.12	- .13
powd., kgs.	lb.	.08½	- .09¾
Chloride, tech., 96%, cryst., bbls.	lb.	.04	- .04½
Chromate, kgs.	lb.	.23	- .26
Citrate, USP, gran., bbls., 250 lbs.	lb.	.36	- —
kgs., 100 lbs.	lb.	.37	- —
cns., 50 lbs.	lb.	.38	- —
cns., 25 lbs.	lb.	.40	- .41
Cyanide, cns., dms.	lb.	.55	- .60
Glycerophosphate, 75% sol., cns., 100 lbs.	lb.	1.25	- 1.30
Guaiacolsulphonate, cns.	lb.	1.65	- 1.70
Hydrexide, USP, sticks, cns.	lb.	.36	- .37
Hypophosphite, cns.	lb.	.72	- .77
Iodate, bbls.	lb.	8.20	- 8.25
Iodide, bbls., flb. dms.	lb.	1.10	- 1.15
Kainit, high-grade, 20% K_2O, bulk, c.l.f. ports.	ton.	12.00	- —
Prices for potash kainit, manure salt, muriate, sulphate and potash magnesia-sulphate are subject to discount according to time orders are placed and time of delivery. See fertilizer market report for particulars.			
Manure salt, dom., 20%, K_2O, bulk, c.l.f. ports.	ton.	12.00	- —
run of mine, approx. 30% K_2O, bulk, c.l.f. ports,	unit-ton.	.55	- —
import., 30% K_2O, bulk, shipt.	unit-ton.	.53	- —
Metabisulphite, kgs.	lb.	.13½	- —
Muriate, dom., all strengths, min. 50% K_2O, bulk.	unit-ton.	.50	- —
import., all strengths, min. 80% KCl, basis 60% K_2O, bulk, c.l.f. ports.	unit-ton.	.50	- —
Potash muriate prices in bags are $2 ton higher than bulk price.			
Nitrate, crude, import, bulk.	ton.	No prices.	
Oxalate, pure, cryst., kgs.	lb.	.20	- .21
tech., bbls.	lb.	.18	- .20
Perchlorate, kgs., works.	lb.	.09	- .11
Permanganate, tech., dms.	lb.	.18½	- .19
USP, dms.	lb.	.18½	- .19
Prussiate, red, bbls.	lb.	.35	- .37
Yellow, bbls.	lb.	.18	- .19
Silicate alkaline, lump, bags.	lb.	.07	- —
Sulphate, NF, bbls.	lb.	.13	- .14
tech., 90-95%, min. 50%, bgs., shipt., c.l.f. ports.	ton.	36.25	- —
Vegetable, bulk, f.o.b. Balto.	ton.	19.97	Nom.
Xanthate, dms., c.l.	lb.	.13	- —
l.c.l.	lb.	.13½	- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt.	ton.	24.75	- —
Potash-titanium oxalate, kgs.	lb.	.33	- .34
Prickly ash bark, bls.	lb.	.12	- .13
Berries, bls.	lb.	.15	- .16
Prince's pine herb, bls.	lb.	.17½	- .18
Propane, tanks, G.S.	gal.	.01½	- .04¾
cyls., 100 lbs., G.S.	gal.	.40	- —
Psyllium seed (see Fleaseed).			
Pulsatilla, bls.	lb.	.15	- .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works.	lb.	.03	- —
less than 3, works.	lb.	.03½	- —
F and 1, bbls., 3 or over, works.	lb.	.03½	- —
less than 3, works.	lb.	.04	- —
0, 0½, 0¾, and ¼, bbls., 3 or over, works.	lb.	.04	- —
less than 3, works.	lb.	.04½	- —
Ital.-grd., bgs., c.l., shipt., ex dock, N.Y.	ton.	33.00	- —
l.c.l., 5-29 tons, ex whse.	ton.	38.00	- —
1,000-10,000 lbs., ex whse.	ton.	39.00	- —
2 bgs. to 1,000 lbs., ex whse.	ton.	41.00	- —
single bgs., ex whse.	ton.	46.00	- —
Pumpkin seed, bgs.	lb.	.11	- .14
Purple lake (see Red).			
Putty, com'l, dms.	100 lbs.	3.60	- —
linseed oil, raw, dms.	100 lbs.	4.75	- —
refined, dms.	100 lbs.	5.25	- —
standard, dms.	100 lbs.	3.75	- —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) dms. (incl.) frt. alld. E. of Rockies, standard brand.	gal.	4.25	- 4.60
standard make	gal.	4.25	- 4.60
basis 3.6% pyrethrins, dms. (incl.) frt. alld. E. of Rockies, standard brand.	gal.	6.25	- 6.60
Pyrethrum flowers, coarse, grnd. (g.f.p), Japan, bgs., 15 tons or over.	lb.	.11½	- —
fine powd., Dalmat., bbls., kgs.	lb.	.14	- .15
Japan, bbls., 5 tons.	lb.	.14	- —
Pyridin, denaturing, dms.	gal.	1.30	- —
redd., 2°, dms.	lb.	.40	- —
Pyrites, Spanish, bulk, c.l.f. Atl. ports.	unit-ton.	.12	- .13
Pyrocatechin, CP, cryst., works, flb. dms., tins.	lb.	2.15	- 2.40
resublimed, flb. dms., tins.	lb.	4.60	- —

Petroleum—Red, Persian

Q

Quassia, chips, bls.	lb.	.06	- .07
Quebracho extract, liquid, 55% tan., bbls., works.	lb.	.06½	- —
tanks, works	lb.	.02¾	- —
solid, 68%, bgs., c.l., ex dock, plus duty.	lb.	.03¾	- —
clarified, 64%, bgs., c.l., same basis.	lb.	.03¾	- —
Queen of the meadow, bgs.	lb.	.06	- .07
Root, bgs.	lb.	.06	- .07
Quercitron, extract, liquid, 61°, bbls.	lb.	.06	- .08
solid, dms.	lb.	.10	- .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N.Y.	flask.	73.00	-74.00
Quince seed, bgs.	lb.	.45	- 1.35
Quinidine, cryst., cns.	oz.	.91	- .98
Sulphate, cns.	oz.	.67	- —
Quinine, cns.	oz.	.74	- —
Acetate, cns.	oz.	.98	- —
Arsenate, cns.	oz.	.98	- —
Arsenite, cns.	oz.	1.00	- —
Bisulphate, cns.	oz.	.83	- —
Citrate, cns.	oz.	.71	- —
Dihydrobromide, bots.	oz.	.74	- —
Dihydrochloride, bots.	oz.	.74	- —
Ethylcarbonate, cns.	oz.	.74	- —
Ferrocyanide, cns.	oz.	1.00	- —
Formate, cns.	oz.	.93	- —
Glycerophosphate, cns.	oz.	1.13	- —
Hydrochloride, cns.	oz.	.66½	- —
Hydrochlorosulphate, cns.	oz.	.74	- —
Hydriodide, cns.	oz.	.96	- —
Hypophosphite, cns.	oz.	.98	- —
Phosphate, cns.	oz.	.81	- —
Salicylate, cns.	oz.	.72	- —
Sulphate, cns.	oz.	.53	- —
Sulphocarbolate, cns.	oz.	.96	- —
Tannate, cns.	oz.	.57	- —
Tartrate, cns.	oz.	.96	- —
Valerate, cns.	oz.	.92	- —
Quinine-urea hydrochloride, cns.	oz.	.74	- —

R

R salt, bbls.	lb.	.52	- .57
Rapeseed, Belgian, bgs.	lb.	.05	- .05½
Dutch, bgs.	lb.	.05¼	- .05¾
Japanese, bgs.	lb.	.05	- .05¼
Raspberries, dried, bbls.	lb.	.55	- .60
Red, alizarin lake, bbls., dlvd, N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	1.10	- —
Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1¼c.), Miss., N.C., S.C., Tenn., Cedar Rapids, Des Moines; Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.			
Amaranth (see Red, maroon, lake).			
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld.	lb.	.80	- —
smaller lots, same basis.	lb.	.85	- —
kgs., ton lots, same basis.	lb.	.85	- —
smaller lots, same basis.	lb.	.90	- —
light shade, bbls., ton lots, same basis.	lb.	.65	- —
smaller lots, same basis.	lb.	.70	- —
kgs., ton lots, same basis.	lb.	.70	- —
smaller lots, same basis.	lb.	.75	- —
light-medium shade, bbls., ton lots, same basis.	lb.	.70	- —
smaller lots, same basis.	lb.	.75	- —
kgs., ton lots, same basis.	lb.	.75	- —
smaller lots, same basis.	lb.	.80	- —
maroon shade, bbls., ton lots same basis.	lb.	.90	- —
smaller lots, same basis.	lb.	.95	- —
kgs., ton lots, same basis.	lb.	.95	- —
smaller lots, same basis.	lb.	1.00	- —
medium shade, bbls., ton lots, same basis.	lb.	.75	- —
smaller lots, same basis.	lb.	.80	- —
kgs., ton lots, same basis.	lb.	.80	- —
smaller lots, same basis.	lb.	.85	- —
Selenide, bbls., c.l., works.	lb.	2.00	- —
l.c.l., works.	lb.	2.50	- —
Orange, bbls., c.l., works.	lb.	1.50	- —
l.c.l., works.	lb.	1.75	- —
Carmine 40, cns., 300 lbs.	lb.	4.00	- —
100 lbs.	lb.	4.15	- —
11 lbs.	lb.	4.40	- —
Crocus martis (see Red, purple oxide).			
Eosin, kgs.	lb.	.65	- —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y.	lb.	.03¾	- —
80%-85%, bbls., same basis.	lb.	.07	- —
Iron oxide (see Red, oxide).			
Lake C toner, bbls., same basis alizarin lake, contracts.	lb.	1.25	- —
open order.	lb.	1.30	- —
Lithol toner, bbls., same basis alizarin lake, contracts.	lb.	.75	- —
open order.	lb.	.80	- —
Lithol-rubin toner, bbls., same basis alizarin lake.	lb.	1.65	- —
Maroon lake, 22%, kgs., same basis alizarin lake, contracts,	lb.	.40	- —
Oxide (see Red, purple oxide).			
Mercury oxide, tech., dom., bbls.,	lb.	1.19	- —
Metallic, bbls., Pa., works.	lb.	.02	- —
Orange, Persian (see O).			
Oxide, pure, bbls., c.l., works.	lb.	.03½	- —
l.c.l., works.	lb.	.03¼	- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y.	lb.	.05¾	- —
80% copperas oxide, bbls., same basis.	lb.	.07¾	- —
Para toner, concent., kgs., same basis alizarin lake, contracts.	lb.	.75	- —
open order.	lb.	.80	- —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y.	lb.	.04¾	- —
ex whse., Chicago, St. Louis.	lb.	.04½	- —
San Fran., Los Ang., Portland, Seattle.	lb.	.05	- —

Red, Purple Lake—Superphos.

Red, purple lake, kgs.	lb.	.60	1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis	lb.	.08	—
Toner, kgs.	lb.	1.50	2.00
Rose lake, bbls.	lb.	.20	.30
Pink, bbls.	lb.	.15	.25
Scarlet ink toner, kgs., same basis alizarin lake	lb.	.45	—
Lake, kgs., same basis alizarin lake	lb.	.25	.35
Spanish oxide, 1, bbls., c.l., f.o.b. N.Y., Pa., ship. pt. or ex dock N. Orleans, Phila.	lb.	.03½	—
f.o.b. St. Louis	lb.	.03¾	—
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila.	lb.	.03¾	—
St. Louis	lb.	.04	—
ex dock or ex whse., San Fran., Los Ang., Port., Seat.	lb.	.04½	—
ex whse., Chgo., Cleve., Pgh.	lb.	.04¼	—
2 bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Phila.	lb.	.02¾	—
f.o.b. St. Louis	lb.	.03	—
l.c.l., f.o.b. Bethlehem, Easton, N. Orleans, Phila.	lb.	.03	—
St. Louis	lb.	.03¼	—
ex dock or ex whse., San Fran., Los Ang., Port., Seat.	lb.	.03¾	—
ex whse., Chgo., Cleve., Pgh.	lb.	.03½	—
8, bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Phila.	lb.	.0265	—
f.o.b. St. Louis	lb.	.0290	—
l.c.l., f.o.b. Bethlehem, Easton, N. Orleans, N.Y., Phila.	lb.	.0290	—
St. Louis	lb.	.0315	—
ex dock or ex whse., San Fran., Los Ang., Port., Seat.	lb.	.03¾	—
ex whse., Chgo., Cleve., Pgh.	lb.	.0340	—
Toluidin toner, kgs., same basis alizarin lake	lb.	1.35	—
Tuscan, 1, bbls., f.o.b. N.Y., E. St. Louis	lb.	.25½	—
2, bbls., same basis	lb.	.30½	—
3, bbls., same basis	lb.	.23½	—
4, bbls., same basis	lb.	.33½	—
5, bbls., same basis	lb.	.24	—
6, bbls., same basis	lb.	.24	—
7, bbls., same basis	lb.	.24	—
8, bbls., same basis	lb.	.25	—
9, bbls., same basis	lb.	.31½	—
10, bbls., same basis	lb.	.18¾	—
Venetian, bbls., works	lb.	.0190	—
10%, bbls., works	lb.	.0215	—
12%, bbls., works	lb.	.02¼	—
20%, bbls., works	lb.	.02½	—
25%, bbls., works	lb.	.02¾	—
30%, bbls., works	lb.	.03	—
35%, bbls., works	lb.	.0335	—
40%, bbls., works	lb.	.03¾	—
Vermilion, American, bbls., same basis alizarin lake	lb.	.15	—
English quickaliver, bbls., 500-lbs.	lb.	1.52	—
smaller lots	lb.	1.53	1.65
Red dyes are listed under Dyes.			
Red precipitate, bxs., fib. dms., kgs., 100-lbs.	lb.	1.44	—
Red saunders wood, ground, bbls.	lb.	.12	.17
Resorcinol, tech., cns., works.	lb.	.75	.80
USP, cryst., cns., kgs., works.	lb.	1.50	1.55
Rhatany root, bgs.	lb.	.09	.10
Rhodinol, bots.	lb.	5.75	9.60
Rhubarb, root, bbls., cs., kgs.	lb.	.30	.31
powd., bbls., kgs.	lb.	.34	.35
Rochelle salt, cryst., bbls.	lb.	.14	—
powd., bbls.	lb.	.13	—
Rose flowers, pale, bls.	lb.	.22	.24
Red, bls.	lb.	2.00	2.10
Water, triple	djn.	4.75	5.00
Rosemary flowers, bls.	lb.	.35	.40
Leaves, bls.	lb.	.05	.05½
Rosin, gum, B, bbls., ex dock, 280 lbs.		6.85	—
D, bbls.	280 lbs.	7.15	—
E, bbls.	280 lbs.	7.25	—
F, bbls.	280 lbs.	7.30	—
G, bbls.	280 lbs.	7.30	—
H, bbls.	280 lbs.	7.30	—
I, bbls.	280 lbs.	7.30	—
K, bbls.	280 lbs.	7.30	—
M, bbls.	280 lbs.	7.30	—
N, bbls.	280 lbs.	7.35	—
W. G., bbls.	280 lbs.	7.65	—
W. W., bbls.	280 lbs.	8.35	—
X, bbls.	280 lbs.	8.40	—
Rosin, wood, F.F., bbls., spot, 280 lbs.		6.87	7.90
works	280 lbs.	6.15	—
I, bbls., spot	280 lbs.	6.97	8.00
works	280 lbs.	5.85	—
M, bbls., spot	280 lbs.	7.12	8.15
works	280 lbs.	6.05	—
N, bbls., spot	280 lbs.	7.72	8.75
works	280 lbs.	6.85	—
Rottenstone, dom., bgs., c.l., f.o.b. mines	ton.	35.00	—
l.c.l., ex whse	ton.	50.00	—
import., lump, bbls.	lb.	.12	—
powd., bbls.	lb.	.03½	.10
Rue, bls.	lb.	.21	.25

S

Sabadilla seed, powd., bbls.	lb.	.21	.22
Saccharin, cns., 1,000 lbs.	lb.	1.70	—
smaller lots	lb.	1.75	1.80
Safflower, bls.	lb.	.33	.35
Saffron, Mexican, bls.	lb.	.50	.55
Spanish, tins	lb.	16.00	18.00
Safrol, cns.	lb.	.57	—
dms.	lb.	.54	—
Sage leaves, Dalmat., fancy, bls.	lb.	.07	.07½
stemless, bls.	lb.	.06¼	.06½
Sage flour, bgs.	lb.	.03¾	.06¾
Salicin, cns.	lb.	4.00	4.25
Salol, kgs.	lb.	.90	.95
Salt, reclaimed, bgs., c.l., dlvd., N.Y.	ton.	13.40	—
vacuum, common, fine, bgs., c.l., dlvd. N.Y.	ton.	14.08	14.58
l.c.l., dlvd. N.Y.	ton.	17.00	—
Saltcake, grd., dom., bbls., works,	ton.	19.00	23.00
bulk, works	ton.	12.00	16.00
import, bulk, c.i.f.	ton.	12.00	12.50
Chrome (see Chrome cake).			
Saltpeter, crude (see Potash nitrate).			
dbl. refined, cryst., bbls., 25 to c.l.	100 lbs.	6.90	7.65
5-24	100 lbs.	7.00	7.75
1-4	100 lbs.	7.25	8.00
gran., bbls., 25 to c.l.	100 lbs.	5.90	—
5-24	100 lbs.	6.00	—
1-4	100 lbs.	6.25	—
powd., bbls., 25 to c.l.	100 lbs.	6.90	—
5-24	100 lbs.	7.00	—
1-4	100 lbs.	7.25	—
Santonin, cryst., cns.	lb.	43.00	45.00
Saponin, cns.	lb.	1.45	1.50
Sarsaparilla root, Honduras, bls.	lb.	.45	.50
Mexican, bls.	lb.	.11	.12
Sassafras bark, ord., bls.	lb.	.11	.12
select, bls.	lb.	.19	.21
Savory, bls.	lb.	.07	.07½
Saw palmetto berries, bgs.	lb.	.18	.20
Scammony root, bgs.	lb.	.06	.07
Schaeffer's salt, bgs.	lb.	.49	.50
Seidlitz mixture, bbls.	lb.	.11½	—
kegs	lb.	.11½	—
Senega root, bls.	lb.	.36	.38
Senna leaves, Alexandria, bls.	lb.	.09	.10
Tinnevelly, No. 1, bls.	lb.	.12	.13
2, bls.	lb.	.09	.10
3, bls.	lb.	.06	.07
powd., bbls., bxs.	lb.	.09	.10
siftings, bls.	lb.	.09	.10
Pods, bls.	lb.	.06	.07
Serpentaria root, bls.	lb.	.50	.52
Shellac, bleached, bonedry, bbls., f.o.b. N.Y.	lb.	.18	.19
dlvd. Boston	lb.	.18½	.19½
Chicago	lb.	.19	.20
Pacific Coast	lb.	.21	.22
refd., bbls., f.o.b. N.Y.	lb.	.27	—
dlvd. Boston	lb.	.27½	—
Chicago	lb.	.28	—
Pacific Coast	lb.	.30	—
Garnet, bgs.	lb.	.16	.17
Orange, D.C., VSO., Diamond, cases.	lb.	.25	.26
superfine, bgs., f.o.b. Bost., N.Y.	lb.	.15½	.16
dlvd. Chicago	lb.	.16½	.17
Pacific Coast	lb.	.18½	.19
T.N., bgs., f.o.b. Bost., N.Y.	lb.	.14¼	.15
dlvd. Chicago	lb.	.15½	.16
Pacific Coast	lb.	.17½	.18
Varnish, orange, 5-lb. cut, bbls.	lb.	.90	1.05
4½-lb. cut., bbls.	gal.	.85	1.00
4-lb. cut bbls.	gal.	.80	.95
white, 5-lb. cut, bbls.	gal.	1.05	1.20
4½-lb. cut, bbls.	gal.	1.00	1.15
4-lb. cut bbls.	gal.	.95	1.10
Silica, amorph., dry-grd., 95-97% 325 mesh, bgs., c.l., works.	ton.	20.00	—
l.c.l., 2½ tons, works.	ton.	21.50	—
smaller lots, works.	ton.	23.00	—
95-97% 400 mesh, bgs., c.l., works.	ton.	35.00	—
l.c.l., 2½ tons, works.	ton.	36.50	—
smaller lots, works.	ton.	38.00	—
wet-grd., 95-97% 325 mesh, bgs., c.l., works.	ton.	21.00	—
l.c.l., 2½ tons, works.	ton.	22.50	—
smaller lots, works.	ton.	24.00	—
95-98% 325 mesh, bgs., c.l., works.	ton.	22.00	—
l.c.l., 2½ tons, works.	ton.	23.50	—
smaller lots, works.	ton.	25.00	—
99% 325 mesh, bgs., c.l., works.	ton.	24.00	—
l.c.l., 2½ tons, works.	ton.	25.50	—
smaller lots.	ton.	27.00	—
hard-quartz, 140 mesh, bgs., c.l., works.	ton.	14.00	—
l.c.l., works.	ton.	17.00	—
Silver, bullion	oz.	.44¾	—
Govt. purchase	oz.	.7757	—
Nitrate, vis	oz.	.32⅝	.34⅝
Nucleinate, cns., 500 ozs.	oz.	.35	.36
Protelnate, cns., 500 ozs.	oz.	.34	.35
Simarubra bark, bls.	lb.	.28	.30
Skatol, bots.	oz.	4.00	10.00
Skullcap, Eastern, bls.	lb.	.16	.17
Western, bls.	lb.	.14	.15
Skunk cabbage root, bls.	lb.	.11	.12
Slate flour, bgs., c.l., works.	ton.	9.00	—
l.c.l., works.	ton.	10.00	15.00
Sloe berries, bgs.	lb.	.11	.13
Smalt, black, extra velvet, bbls.	lb.	.05	.06
Blue, bbls.	lb.	.06½	.07
Snakeroot, Canad., bls.	lb.	.24	.26
Soapbark, bls.	lb.	.07	.08
crushed, bls., bbls.	lb.	.11	.12
cut, bls., bbls.	lb.	.09	.10
powd., bbls.	lb.	.13	.14
Soda arsenate, dms.	lb.	.08	—
Acetate, anhyd., dms.	lb.	.09½	.12
flake, 60%, dms.	lb.	.04½	.07
Alginate, dms.	lb.	.64	—
Antimoniate, bbls.	lb.	.12	.12½
Arsenate, dms.	lb.	.09½	.11½
Arsenite, liq., dms.	lb.	.40	.75
Ash, dense, 58%, bgs., c.l., works.	100 lbs.	1.25	—
l.c.l., Zone 1	100 lbs.	2.13	—
1A	100 lbs.	2.18	—
2	100 lbs.	2.28	—
3	100 lbs.	2.53	—
4	100 lbs.	2.98	—
5	100 lbs.	2.20	—
bbls., c.l., works.	100 lbs.	1.50	—
l.c.l., Zone 1	100 lbs.	2.37	—
1A	100 lbs.	2.42	—
2	100 lbs.	2.52	—
3	100 lbs.	2.77	—
4	100 lbs.	3.17	—
5	100 lbs.	2.47	—
bulk, c.l., works.	100 lbs.	1.10	—
extra light, 56%, bgs., c.l.	100 lbs.	1.23	—
l.c.l., Zone 1	100 lbs.	2.08	—
1A	100 lbs.	2.13	—
2	100 lbs.	2.23	—
3	100 lbs.	2.48	—
4	100 lbs.	2.88	—
5	100 lbs.	2.20	—
bbls., c.l.	100 lbs.	1.60	—
l.c.l., Zone 1	100 lbs.	2.47	—
1A	100 lbs.	2.52	—
2	100 lbs.	2.62	—
3	100 lbs.	2.87	—
4	100 lbs.	3.27	—
5	100 lbs.	2.57	—
bulk, c.l.	100 lbs.	1.06	—
light, 58%, bgs., c.l., works.	100 lbs.	1.20	1.28
l.c.l., Zone 1	100 lbs.	2.08	—
1A	100 lbs.	2.13	—
2	100 lbs.	2.23	—
3	100 lbs.	2.48	—
4	100 lbs.	2.88	—
5	100 lbs.	2.20	—
bbls., c.l., works.	100 lbs.	1.50	—
l.c.l., Zone 1	100 lbs.	2.37	—
1A	100 lbs.	2.42	—
2	100 lbs.	2.52	—
3	100 lbs.	2.77	—
4	100 lbs.	3.17	—
5	100 lbs.	2.47	—
bulk, c.l.	100 lbs.	1.06	—

Soda ash l.c.l. prices are for 5 or more pkgs. of one sort, dlvd. usual trucking distance of whse., or f.o.b. cars whse. pt.; less than 5 pkgs., add 15c. per 100 lbs.; ex-whse., deduct 10c. per 100 lbs. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky.; Zone 1A, N. E. States (in Me., N.H., Vt., special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N.C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Soda, benzoate, USP, kgs.	lb.	.46	.50
Bicarbonate, gran., bbls., c.l., works.	100 lbs.	2.25	—
powd., bbls., c.l., works.	100 lbs.	1.85	—
l.c.l., dlvd. N.Y.	100 lbs.	2.55	—
kgs., c.l.	100 lbs.	2.10	—
l.c.l., dlvd. N.Y.	100 lbs.	2.80	—
Bichromate, csks.	lb.	.06½	.07
Bifluoride, bbls.	lb.	.11¼	.12
Bisulphate (see Niter cake).			
Bisulphite, powd., bbls., c.l., works.	100 lbs.	3.25	3.35
l.c.l., works.	100 lbs.	3.50	3.60
solution, 35-40%, cbys., c.l., works.	100 lbs.	1.95	2.10
Bromide, bbls.	lb.	.31	.33
Cacodylate, jars.	lb.	6.50	6.75
Carbonate (see Soda ash, soda monohydrated soda, sal).			
Caustic, flake, 76%, grd., powd., ammon. process, bbls., c.l., works.	100 lbs.	3.25	—
dms., c.l., works.	100 lbs.	3.00	—
l.c.l., Zone 1	100 lbs.	4.00	—
1A	100 lbs.	4.05	—
2	100 lbs.	4.15	—
3	100 lbs.	4.40	—
4	100 lbs.	4.80	—
5	100 lbs.	4.05	—
electro, process, dms., c.l., works.	100 lbs.	2.95	—
l.c.l., same zone prices as ammon. process.			
liquid, 47-49%, buyer's tanks, works.	100 lbs.	2.22½	—
seller's tanks, works.	100 lbs.	2.25	—
70%, buyer's tanks, works.	100 lbs.	2.27½	—
seller's tanks, works.	100 lbs.	2.30	—
solid, 76%, ammon. process, dms., c.l., works.	100 lbs.	2.60	—
l.c.l., Zone 1	100 lbs.	3.60	—
1A	100 lbs.	3.65	—
2	100 lbs.	3.75	—
3	100 lbs.	4.00	—
4	100 lbs.	4.40	—
5	100 lbs.	3.65	—
electro process, dms., c.l., works.	100 lbs.	2.55	—
l.c.l., same zone prices as ammon. process.			
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.			
Chlorate, dom., cryst., bgs., c.l., works.	lb.	.06¼	—
l.c.l., works.	lb.	.06½	.09
powd., bgs., c.l., works.	lb.	.06¾	—
l.c.l., works.	lb.	.07	.09½
Citrate, USP VIII, gran., bbls., 225 lbs.	lb.	.22	—
cns., 50 lbs.	lb.	.24	—
25 lbs.	lb.	.26	.27
kgs., 100 lbs.	lb.	.23	—
USP X, gran., bbls., 250 lbs.	lb.	.28½	—
cns., 50 lbs.	lb.	.30½	—
25 lbs.	lb.	.32½	.33½
kgs., 100 lbs.	lb.	.29½	—
powd., bbls., 250 lbs.	lb.	.29	—
cns., 50 lbs.	lb.	.31	—
25 lbs.	lb.	.33	.34
kgs., 100 lbs.	lb.	.30	—
Cyanide, 96-98%, dom., dms.	lb.	.15½	.17
import., cs.	lb.	.16¾	.17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila.	lb.	.07½	—
l.c.l., 10 or over, same basis.	lb.	.07¾	—
5-9, same basis.	lb.	.08	—
1-4, same basis.	lb.	.08¼	—
95%, bbls., c.l., same basis.	lb.	.07½	—
l.c.l., 10 or over, same basis.	lb.	.08	—
5-9, same basis.	lb.	.08½	—
1-4, same basis.	lb.	.08¾	—
Soda fluoride prices at Los Angeles are f.a.s. Phila.			
Glycerophosphate, cryst., bbls., cns., 100 lbs.	lb.	1.15	—
solution, 75%, cns.	lb.	.90	—
50%, cns.	lb.	.55	—
Hydrosulphite, bbls.	lb.	.17	—
Hydroxide, USP, sticks, cns., 100 lbs.	lb.	.23	.24
Hypophosphite, cns.	lb.	.67	.72
Hyposulphite, cryst., large, bbls., 100 lbs.	100 lbs.	2.40	2.65
pea, bbls.	100 lbs.	2.50	3.05
gran., bbls.	100 lbs.	2.75	3.30
Iodate, jars.	lb.	5.02	5.07
Iodide, jars.	lb.	1.90	1.96
Metanilate, kgs.	lb.	.41	.42
Metasilicate, cryst., bbls., c.l., works.	100 lbs.	2.75	—
l.c.l., dlvd.	100 lbs.	3.15	3.75
gran., bbls., c.l., works.	100 lbs.	2.15	—
l.c.l., dlvd.	100 lbs.	2.55	3.15
Molybdate, tech., anhyd., kgs.,	lb.	.75	.80
cryst., kgs.	lb.	.65	.70
Monohydrated, bbls.	100 lbs.	2.60	—
works	100 lbs.	2.30	—
Naphthenate, bbls.	lb.	.09	—
Naphthionate, bbls.	lb.	.53	.54
Nitrate, crude, 100 lb.-bgs. Aug. dlvy, fert. mfrs. indust. buyers, ports.	ton.	28.50	—
200 lb.-bgs., same basis.	ton.	25.50	—
bulk, same basis.	ton.	24.50	—
rfd., gran., bbls.	100 lbs.	2.25	—
powd., bbls.	lb.	.05¾	—
Nitrite, 96-98%, dom., bbls., c.l.	lb.	.0710	.0735
l.c.l.	lb.	.0825	.1175
Oxalate, neut., bbls., kgs.	lb.	.09	.11
Perborate, NF, bbls.	lb.	.17	.18
Phosphate, dibasic, tech., bgs., c.l., E. works.	100 lbs.	1.90	—
l.c.l., E. works.	100 lbs.	2.15	—
bbls. c.l., E. works.	100 lbs.	2.10	—
l.c.l., E. works.	100 lbs.	2.35	—
Monobasic, anhyd., bbls., c.l.	100 lbs.	7.51	—
l.c.l.	100 lbs.	8.35	—
Tribasic, bgs. c.l. dlvd. E.	100 lbs.	2.00	—
l.c.l., 3,500 lbs. or over,	100 lbs.	2.40	—
less than 3,500 lbs.	100 lbs.	2.80	—
bbls., c.l. dlvd E.	100 lbs.	2.20	—
l.c.l., 3,500 lbs. or over.	100 lbs.	2.60	—
less than 3,500 lbs.	100 lbs.	3.00	—
Phosphate, tribasic, kgs., c.l. dlvd E.	100 lbs.	2.70	—
l.c.l., 3,500 lbs. or over.	100 lbs.	3.10	—
less than 3,500 lbs.	100 lbs.	3.50	—
Soda phosphate, tribasic, prices in West are 15c. to 25c. per 100 lbs. higher, depending on location.			
Picramate, kgs.	lb.	.07	.09
Prussiate, yellow, dom., bbls., works, contracts.	lb.	.11½	—
prompt shipmt.	lb.	.12	.13
import, ckz., contracts.	lb.	.11½	—
prompt shipmt., ckz.	lb.	.12	—
Pyrophosphate, anhyd., bbls.	lb.	.10	—
cryst., bbls.	lb.	.07½	—
Sal, bgs. dlvd. N.Y.	100 lbs.	1.20	—
works	100 lbs.	1.00	—
bbls., dlvd. N.Y.	100 lbs.	1.30	—
works	100 lbs.	1.10	—
Soda, salicylate, bxs.	lb.	.47	—
Silicate, 40° turbid, dms., c.l., works.	100 lbs.	.90	—
l.c.l., 5 or more, works.	100 lbs.	1.05	—
1-4, works.	100 lbs.	1.20	—
52°, dms., c.l., works.	100 lbs.	1.35	—
l.c.l., 5 or more, works.	100 lbs.	1.60	—
1-4, works.	100 lbs.	1.75	—
Silicofluoride, dom., bbls.	lb.	.07	.07½
import, bbls.	lb.	.07	.07¼
Stannate, dms.	lb.	.28½	.31½
Stearate, lump, bbls, works.	lb.	.20	—
powd., bbls., works.	lb.	.23	—
Sulphate, anhyd., bgs., 5 tons or over, dlvd. Bost., N.Y., Phila. areas, or f.o.b. Bost., Jersey City, N.Y., Norfolk, Phila., or frt. equald.	100 lbs.	1.15	—
less than 5 tons, same basis.	100 lbs.	1.40	—
bbls., 5 tons or over, same basis.	100 lbs.	1.80	—
less than 5 tons, same basis.	100 lbs.	1.55	—
cryst. (see Glauber's salt).			
Sulphide, cryst., bbls., c.l., works.	100 lbs.	2.25	—
l.c.l., 5 tons or over, dlvd.	100 lbs.	2.75	—
less than 5 tons, dlvd.	100 lbs.	3.00	—
flake, chips, broken, bbls., c.l. works.	100 lbs.	3.50	—
l.c.l., 5 tons or over, dlvd.	100 lbs.	4.00	—
less than 5 tons, dlvd.	100 lbs.	4.25	—
solid, bbls., c.l., works.	100 lbs.	3.00	—
l.c.l., 5 tons or over, dlvd.	100 lbs.	3.50	—
less than 5 tons, dlvd.	100 lbs.	3.75	—
Sulphite, cryst., bgs.	100 lbs.	2.10	2.35
bbls.	100 lbs.	2.30	2.55
powd., bbls., c.l.	100 lbs.	5.25	—
l.c.l., 5 or more.	100 lbs.	5.50	—
1-4	100 lbs.	6.00	—
Sulphocarbolate, cs.	lb.	.27	.28
Sulphocyanide, dms., cns.	lb.	.28	.47
Sulphoricinoleate, bbls.	lb.	.12	—
Thiosulphate (see hyposulphite)			
Tungstate, CP, kgs.	lb.	1.30	1.40
tech., kgs.	lb.	.85	.90
Solvent naphtha, high-flash, dms., works, frt. equald.	gal.	.36	—
tanks, same basis.	gal.	.31	—
Water-white, dms., works.	gal.	.35	—
tanks, E. of Omaha, frt. alld.	gal.	.30	—
W. of Omaha, works.	gal.	.30	—
Sorbitol, com'l. syrup, dms., basis sorbitol cont., works.	lb.	.25	—
Sparteine sulphate, cns.	oz.	1.10	1.15
Spearmint leaves, bls.	lb.	.24	.25
Spikenard root, bls.	lb.	.10	.12
Spruce extract, bbls., works.	lb.	.01½	—
tanks, works.	lb.	.01	—
powd., bgs.	lb.	.04	—
super, bbls., works.	lb.	.01¾	—
tanks, works.	lb.	.01¾	—
Squawvine leaves, bls.	lb.	.14	.15
Squill, red, bls.	lb.	.14	.15
White, bls.	lb.	.07	.08
powd., bbls., bxs.	lb.	.14	.15
St. Ignatius beans, bgs.	lb.	.45	.50
St. John's bread, bls.	lb.	.06	Nom.
Starch, corn, pearl, bgs.	100 lbs.	3.99	4.10
powd., bgs.	lb.	4.11	4.31
Iodide, bots.	lb.	1.87	1.92
Potato, dom., bgs.	lb.	.04¼	.05½
import, bgs.	lb.	.05¾	.06
Rice, bbls.	lb.	.07¼	Nom.
Wheat, bgs.	lb.	.05¼	.05¾
Stavesacre seed, bgs.	lb.	.35	.40
Stearin, oleo, bbls.	lb.	.10	.10¼
Stillingia root, bls.	lb.	.07	.08
Stonecrot, bls.	lb.	.06½	.07
Storax, cs.	lb.	.35	.36
Stramonium leaves, bls.	lb.	.07	.08
Seed, bgs.	lb.	.09	.10
Strontium bromide, bbls.	lb.	.50	.51
Carbonate, pure, bbls.	lb.	.30	.31
Iodide, jars.	lb.	2.80	2.85
Nitrate, dom., works, bbls.	lb.	.08	.09
import., cks.	lb.	.08	.09
Strophanthus seed, Kombe, bgs.	lb.	1.45	1.50
Strychnine, cryst., cns.	oz.	.48	.51
powd., cns.	oz.	.38	.41
Acetate, cns.	oz.	.64	—
Arsenate, cns.	oz.	.66	—
Arsenite, cns.	oz.	.64	—
Glycerophosphate, cns.	oz.	.65	—
Hydrochloride, cns.	oz.	.64	—
Hypophosphite, cns.	oz.	.75	—
Nitrate, cns.	oz.	.58	—
Phosphate, cryst., cns.	oz.	.65	—
Sulphate, cryst., cns.	oz.	.42	.45
powd., cns.	oz.	.32	.35
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.	lb.	.45	—
tech., bbls., l.c.l., works.	lb.	.40	—
Sugar coloring, bbls.	gal.	.60	.65
Milk, bbls., c.l.	lb.	.13	—
l.c.l., 10 or over.	lb.	.15	—
less than 10	lb.	.16	.17
Sulphonethylmethane, kgs.	lb.	6.75	6.80
Sulphonmethane, kgs.	lb.	5.25	5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts.	long ton.	18.00	—
less than 1,000 tons, mines, contracts.	long ton.	20.00	—
c.l., spot, nearby.	long ton.	21.00	—
ex vessel, Balto., N. Y., Phila., Southern ports.	long ton.	22.00	25.00
Bost., Portland.	long ton.	22.50	25.50
flowers, bgs.	100 lbs.	3.00	3.75
bbls.	100 lbs.	3.95	4.10
Ref., broken, bgs.	100 lbs.	2.15	2.90
bbls.	100 lbs.	2.30	3.05
flour, com'l, bgs.	100 lbs.	1.60	2.35
bbls.	100 lbs.	1.95	2.70
rfd., ext. fine, bbls.	100 lbs.	3.20	3.95
heavy, bgs.	100 lbs.	2.55	3.30
bbls.	100 lbs.	2.90	3.65
light, bgs.	100 lbs.	2.65	3.40
bbls.	100 lbs.	3.00	3.75
roll, bgs.	100 lbs.	2.35	3.10
bbls.	100 lbs.	2.50	3.25
Sulphur chloride, dms., works.	lb.	.03¼	.04
tanks, works.	lb.	.03	.04
Dioxide, liq., com'l, cyls., wks.	lb.	.07	.09
multi-unit cars, works.	lb.	.04½	.07
tanks, works.	lb.	.04	.05
refrigeration, cyls., works.	lb.	.11	.15
multi-unit cars, works.	lb.	.07½	.10
Iodide, bots., jars.	lb.	3.80	3.85
Sumac, Sicilian, grd., bgs.	ton.	62.00	—
Extract, 42°, bbls.	lb.	.04½	.06½
51°, bbls.	lb.	.06¼	.08½
Stainless, bbls.	lb.	.08¼	.09¼
Leaf, Sicilian, bls.	ton.	67.00	Nom.
Sunflower seed, Calif., large, bgs.	lb.	.07	.07¼
medium, bgs.	lb.	.06¼	.07
poultry, bgs.	lb.	.05½	.06
Superphosphate, guaranteed 16%, bulk, f.o.b. cars, boat, Balto.	ton.	8.00	—
run-of-pile, basis 16%, bulk, same basis.	ton.	7.50	—
triple, 44-45% a.p.a., bulk, f.o.b. Balto.	unit-ton.	.70	—

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 92-94% 325 mesh, bgs., c.l., mills. ton.13.00 - —
l.c.l., mills.....ton.15.00 - —
96-98% 325 mesh, bgs., c.l., mills..ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
coarse, off color, bgs., c.l., mills..ton.10.00 - —
Ohio, alum-magn. type, grd. bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills.ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
import., Canad., bgs., c.l., dlvd. ton.28.00 - —
l.c.l., dlvd.....ton.28.50 - —
French, high-grade, bgs.,l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton.75.00 -77.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.70.00 -73.00
ex whse.....ton.75.00 - —
Tallow, animal, edible, bbls..lb. .07½ Nom.
extra loose, works.....lb. .06½- —
special, loose, works.....lb. .06 - —
sulphonated, 35% (24% fat), dms., c.l..lb. .06 - —
l.c.l.....lb. .06½- —
50% (45% fat), dms., c.l..lb. .06½- —
l.c.l.....lb. .07 - —
50% (45% fat), dms., c.l..lb. .07 - —
l.c.l.....lb. .07½- —
Tamarinds, W. I., bbls.....lb. .05½- .06
kegs.....keg 4.00 - 5.00
Tankage, animal, dom., grd., 10-15%,bulk.unit-ton. No prices
ungr., 10-15%,bulk,unit-ton. 3.75 & .10
fertilizer grade, 11-15%, bulk, Chicago..unit-ton. 3.50 & .10
high-grade, feeding, 11-12%, bulk, Chicago..unit-ton. 4.50 & .10
import., S. Amer., bulk, c.i.f. ports, Aug. shipt.unit-ton. 3.25 & .10 Nom.
Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03½- .03½
Tar, pine, retort, bbls.,dlvd. ports gal. .26 - —
dms., c.l.,dlvd. E. cities.gal. .26 - —
dlvd. ports.....gal. .25 - —
tanks, dlvd. E. cities...gal. .20 - —
Tar acid oil, 15%, dms.....gal. .22½- .23½
25%, dms.....gal. .24½- .25½
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
powd., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
USP, powd., bbls.....lb. .80 - .80¼
Terebene, cns.....lb. .70 - .75
Terpenyl acetate, cns.....lb. .85 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .26 - —
cns.....lb. .23 - —
Alpha, denat. grade, dms., c.l. lb. .14¾- —
contracts.....lb. .13¾- —
tanks.....lb. .14 - —
contracts.....lb. .13 - —
Terra alba (see Gypsum).
Tetrachlorethane, dms.,works.lb. .06 - .06½
Tetrachlorethylene, CP, dms.lb. .25 - .26
tech., dms.....lb. .15 - .16½
Tetralin, dms.....lb. .12 - —
Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 - —
Thorium nitrate, cs., works...lb. 2.20 - —
Thyme, French, bls.....lb. .11½- .11¾
Thymol, bots., 100 lbs.....lb. 1.55 - —
smaller lots.....lb. 1.60 - 1.65
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs.....lb. 3.25 - 3.30
Tin, crystals, bbls., kgs.....lb. .33½- .34
Metal, Straits.....lb. .42¾- —
Oxide, bbls.....lb. .47 - .49
Tetrachloride, anhyd., bbls..lb. .21¾- —
Titanium, dioxide, bgs., c.l. (20 tons), E., frt. alld..lb. .17 - —
Pac. cst., f.o.b. terminal.lb. .17 - —
l.c.l., 5 tons, E., dlvd....lb. .17¼- —
Pac. cst., ex whse....lb. .17¼- —
1 ton, E., dlvd.....lb. .18 - —
Pac. cst., ex whse....lb. .18 - —
50 lbs., E., dlvd.....lb. .18½- —
Pac. cst., ex whse....lb. .18½- —
bbls., c.l. (20 tons), E., frt. alld..lb. .17¼- —
l.c.l., 5 tons, E., dlvd....lb. .17¾- —
1 ton, E., dlvd.....lb. .18¼- —
50 lbs., E., dlvd.....lb. .18¾- —
pigment, barium base, bgs., c.l. (20 tons), E. frt. alld. lb. .06 - —
Pac. cst., f.o.b. terminal. lb. .06 - —
l.c.l., 5 tons, E., dlvd...lb. .06 - —
Pac. cst., ex whse...lb. .06 - —
smaller lots, Pac. cst., ex whse..lb. .06¼- —
50 lbs., E., dlvd.....lb. .06¼- —
bbls., c.l. (20 tons), E., frt. alld..lb. .06¼- —
l.c.l., 5 tons, E., dlvd..lb. .06¼- —
50 lbs., E., dlvd.....lb. .06¼- —
calcium base, c.l. (20 tons), E. frt. alld..lb. .06 - —
Pac. cst., f.o.b. terminal. lb. .06 - —
l.c.l., 5 tons, E., dlvd..lb. .06 - —
Pac. cst., ex whse...lb. .06 - —
smaller lots, Pac. cst., ex whse..lb. .06¼- —
50 lbs., E., dlvd.....lb. .06¼- —
bbls., c.l. (20 tons), E., frt. alld..lb. .06¼- —
l.c.l., 5 tons, E., dlvd...lb. .06¼- —
50 lbs., E., dlvd.....lb. .06¼- —
Toluidin base, kgs.....lb. .88 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu balsam, cns.....lb. .50 - .55
Toluidin, mixed, dms.....lb. .27 - .28
Toluol (toluene), pure, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .35 - .40
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Triacetin, dms.....lb. .36 - —
Triamylamine, dms., l.c.l.,works. lb. 1.25 - —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .029 - —
W. of Rockies.....lb. .029 - —
l.c.l., works, frt. alld. E. of Rockies..lb. .034 - —
W. of Rockies.....lb. .104 - —
Tricresyl phosphate, CP, cns., dlvd..lb. .44½- —
cns., c.l., dlvd.....lb. .30½- —
500 lbs., dlvd.....lb. .34½- —
tech., l, cns., dlvd.....lb. .23 - —
dms., c.l., dlvd.....lb. .21 - —
500 lbs., dlvd.....lb. .23 - —
2, cns., dlvd.....lb. .21 - —
dms., c.l., dlvd.....lb. .19 - —
500 lbs., dlvd.....lb. .21 - —
Triethanolamine, dms., works..lb. .26 - .30
Triphenyl phosphate, dms.....lb. .27 - .30
Triphenylguanidin, dms.....lb. .58 - .60
Tripoli, air-floated, bgs., c.l., works..ton.27.50 - —
l.c.l., ex whse. N.Y.....ton.40.00 - —
1 ton, works.....ton.30.00 - —
1 bg., works.....bag. 4.00 - —
double-grd., bgs.,c.l.,works.ton.18.00 - —
l.c.l., 1 ton, works.....ton.22.50 - —
1 bg., works.....bag. 5.50 - —
once-grd., bgs., c.l., works.ton.16.00 - —
l.c.l., 1 ton, works.....ton.20.00 - —
1 bg., works.....bag. 5.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal powd., 98%,dms. lb. 1.80 - 1.90
Oxide, CP, kgs.....lb. 2.65 - 2.75
tech., kgs.....lb. 1.65 - 1.75
Turmeric root, Alleppy, bgs...lb. .06½- .06¾
Madras, bgs.....lb. .06 - .06½
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .44 - —
l.c.l., 10, ex dock.....gal. .46 - —
5, ex dock.....gal. .48 - —
wood, dest.-dist., dms., c.l., dlvd. E. ports..gal. .36 - —
l.c.l., same basis.....gal. .38 - —
tanks, dlvd, E. cities...gal. .31 - —
steam-dist.,dms., c.l., dlvd.gal. .43 - —
l.c.l., dlvd.....gal. .46 - —
tanks, dlvd.....gal. .38 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 20 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
10 to 19 tons, same basis. ton.100.00- —
1 to 9 tons, same basis.. ton.110.00- —
100 to 1,900 lbs., same basis..100 lbs. 6.00 - —
import, 46% N, bgs., 20 tons, f.o.b. Atl. ports, shipt..ton.95.00 - —
10 to 19 tons, same basis. ton.100.00- —
1 to 9 tons, same basis.. ton.110.00- —
100 to 1,900 lbs., same basis..100 lbs. 6.00 - —
pure, cs.....lb. .14½- .15½
Urea-ammonia liquor, 55% ammon., tanks, f.o.b.Atl. ports. unit-ton. No prices
Uva ursi leaves, bls.....lb. .06 - .07

V

Valerian root, USP, bls..... .11 - .12
Valonia, beards, bgs., shipt...ton.60.00 - —
Cups, bgs., shipt.....ton.40.00 -45.00
Vanilla beans, Bourbon, tins..lb. 3.00 - 3.40
Mexican, tins.....lb. 3.00 - 4.00
cut, tins.....lb. 2.75 - 3.00
South American, tins.....lb. 2.75 - 3.00
Vanillin, ex eugenol, tins,100 lbs. lb. 2.75 - —
less than 100 lbs.....lb. 3.35 - 4.35
ex guaiacol, tins, 100 lbs....lb. 3.05 - —
less than 100 lbs.....lb. 3.75 - 4.20
Venice turpentine, true, cs...lb. .47 - .48
Verdigris, kgs.....lb. .24 - Nom.
Violet, methyl, toner (see M).
V.M.P., naphthas (see petroleum naphtha, v.m.p.).

W

Wahoo bark, root, bls.....lb. .46 - .47
tree, bls.....lb. .19 - .20
Wattle bark, bgs., shipt.....ton.28.00 -30.00
Extract, 60°, bbls.....lb. .03¾- —
Wax, bayberry, import., bgs...lb. .17½- .20
Bees, white, bleach., slabs., cs. 500 lbs..lb. .36 - .38
yellow, crude, Africa, bgs., lots of 10..lb. .24 - .25
1 bg.....lb. .24½- .25
Brazil, Chile, bgs., 5-10 tons..lb. .26½- .27
1 ton.....lb. .27 - .27½
500 lbs.....lb. .27½- .28
100 lbs.....lb. .28 - .28½
refd., slabs, cs., 500 lbs...lb. .28 - .30
Candelilla, bgs., 1 ton.....lb. .14 - .14½
jobbing lots.....lb. .14½- .15
Carnauba, chalky 3, bgs., 1 ton. lb. .35½- .36
5 bgs.....lb. .36 - .36½
1 bg.....lb. .36½- .37
N. C. 2, bgs.....lb. .40 - .40½
N. C. 3, bgs., 1 ton.....lb. .36 - .36½
5 bgs.....lb. .36½- .37
1 bg.....lb. .37 - .37½
refined, bgs.....lb. .39 - .41
yellow, 1, bgs., 1 ton.....lb. .46 - .46½
5 bgs.....lb. .46½- .47
1 bg.....lb. .47 - .47½
yellow, 2, bgs.....lb. .44 - .44½
Ceresin, dom., 138°-140° m.p. bgs, 1 ton..lb. .06 - —
jobbing lots.....lb. .09 - —
150°-160° m.p. bgs., 1 ton.lb. .09 - —
jobbing lots.....lb. .10 - —
160°- m.p. bgs., 1 ton....lb. .10 - —
jobbing lots.....lb. .11 - —
import., pure, snow-white, 176° m.p. bgs., 1 ton..lb. .42 - —
1,000 lbs.....lb. .44 - —
500 lbs.....lb. .45 - —
156° m.p., bgs., 1 ton.lb. .44 - —
1,000 lbs.....lb. .45 - —
500 lbs.....lb. .46 - —
Ceresin, yellow, natural, 176° m.p., bgs., 1 ton..lb. .36 - —
1,000 lbs.....lb. .37 - —
500 lbs.....lb. .38 - —
Japan, cs.....lb. .03¼- .03¾
Montan, bgs., c.l.....lb. .10¾- .11¼
5 tons.....lb. .11 - .11¾
less than 1 ton.....lb. .11¼- .11¾
Ozokerite, hard green, congeal p. 66°-69° C., bgs..lb. .32 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs.....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .05 - .06
White precipitate, bbls., bxs., fib. dms..lb. 1.46 - —
Whiting, chalk, comi., dry-grd., bip. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works.ton.11.20 -12.50
l.c.l., works.....ton.13.20 -14.50
wet-grd., bgs., c.l., works. ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
l.c.l., works.....ton.18.50 -20.00
gilder's, bolted, bip. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, bip. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -23.00
pap. bgs., c.l., works.ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, bip. bgs., c.l., works..ton.15.00 - —
works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
limestone, air floated, 99.75% 300 mesh, bgs. (extra), c.l., frt. alld. to 32 per ton..ton.10.00 - —
99.75% 200 mesh, bgs.,c.l., same basis..ton. 9.00 - —
96-98% 200 mesh, c.l., same basis..ton. 7.50 - —
40-93% 200 mesh, c.l., same basis..ton. 6.50 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs. (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works.. ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs.(extra),c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural. bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .05 - .06¼
rossed, green, bls.....lb. .08 - .08½
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .55 - .65
Leaves, bls.....lb. .07 — .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., c.l., works..ton.24.00 -30.00
standard, bgs., c.l., works. ton.18.00 -24.00
import, 40-70 mesh, bgs., ex dock..ton.20.00 - —
80-100 mesh, bgs.,ex dock.ton.25.50 - —
120 mesh, bgs., ex dock...ton.31.00 - —
Wormseed, American, bgs.....lb. .06 - .07
Levant, bgs.....lb. 3.90 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), comi., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
nitration, dms., works.....gal. .46 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
W. of Omaha, works....gal. .41 - —
5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .33 - —
tanks, E. of Omaha, frt. alld. gal. .33 - —
W. of Omaha, works.....gal. .33 - —
Xylidin, mixed, dms.....lb. .36 - .37

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.35
Yellow, cadmium, CP, import., bxs..lb. 2.50 - —
Lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .40 - —
smaller lots, same basis. lb. .45 - —
kgs., same basis.....lb. .50 - —
Sulphide, orange, bbls.,works. lb. .90 - .95
Yellow, bbls., works.....lb. .90 - —
Yellow, chrome, CP, bbls., dlvd. N of Tenn. and N.C., E of Miss. R. including Davenport, Minneapolis, Rock Island, St. Louis, St.Paul, contracts..lb. .11 - —
open order.....lb. .12 - —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Cousin, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Dutch pink, bbls.....lb. .08 - .10
Mercury oxide (see M).
Ocher, American, golden, A, bbls., works..lb. .06½- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works..lb. .02¾- —
B, bbls., works.....lb. .02¼- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0196- —
E, bbls., works.....lb. .01776- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01¾- —
H, bbls., works.....lb. .01¼- —

Talc—Zinc Oxide

Yellow ocher, French, all shades, cks., c.l., ex car L. Angeles..lb. .0335- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional..lb. .02¾- —
Port., S. Francisco, S. Pedro, Seattle.lb. .06225- —
f.o.b. N.Y.....lb. .02¾- —
l.c.l., dlvd. Brook., Hoboken, J. City, L. I. City, N.Y. (Newark, 5c. per 100 lbs. additional), from dock..lb. .02¾- —
from whse.....lb. .03½- —
ex car L. Angeles...lb. .03½- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional..lb. .02¾- —
Port., S. Francisco, N. Y.....lb. .02¾- —
S. Pedro, Seattle.lb. .03¾- —
ex whse, Balto., Bost., N. Orleans, Phila., (dlvd. or f.o.b., 10c. per 100 lbs. additional) lb. .03 - —
Chi., E. St. Louis, Indipolis., K. City, Milwk., St. Louis (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .03¾- —
L. Angeles, Port., S. Francisco,Seattle.lb. .03¾- —
Minneap. (dlvd. or f.o.b., 10c. per 100 lbs. additional...lb. .03¾- —
N. Y.....lb. .03¼- —
Pitsbgh. (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .03¼- —
f.o.b. Bethlehem, Easton..lb. .03¼- —
N.Y., from dock...lb. .02¾- —
from whse.....lb. .03¼- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., works.....lb. .07 - .07½
Yellow Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .11
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .05 - .09
Yohimbine hydrochloride, vls.oz. 2.50 - 2.55

Z

Zinc, arsenite, bgs., cs., c.l., consumers..lb. .09¾- .12¾
dealers.....lb. .09¾- .12¾
jobbers, E. of Rockies.lb. .09½- .11½
l.c.l., consumers, 5,000 lbs. or over..lb. .10½- .12½
1,000-5,000 lbs.....lb. .11 - .14
less than 1,000 lbs....lb. .11½- .14½
dealers, 5,000 lbs. or over. lb. .10½- .13½
1,000-5,000 lbs.....lb. .10½- .13½
less than 1,000 lbs....lb. .11 - .14
jobbers, E. of Rockies..lb. .10 - .12
Zinc arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck. allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .09 - .10½
USP, precip., powd., bbls..lb. .31 - .32
Chloride, fused, dms., works.lb. .04½- .05¾
gran., dms., works.....lb. .05 - .05¾
solution, dms., works.....lb. .04½- —
tanks, works.....lb. .03 - —
Cyanide, bbls., works.....lb. .36 - .38
Dust, bbls., c.l., dlvd.....lb. .0680- —
l.c.l., 10,000 lbs. or over, dlvd..lb. .0755- —
less than 10,000 lbs., dlvd. lb. .0805- —
Fluoride, bbls.....lb. .20 - .26
Iodide, bots., jars.....lb. 4.00 - 4.05
Metal (see daily quotations in market report).
Oxide, pigment, dom., Amer. process, comi., lead-free, bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd. except Pac. cst..lb. .05¼- —
ex whse.,Pac.cst..lb. .05¼- —
bbls., c.l., dlvd.....lb. .05¼- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex-whse.,Pac. cst.lb. .05½- —
leaded, 5%, 35%, 50%, bgs., c.l., dlvd..lb. .04¾- —
l.c.l., dlvd., except Pac. cst..lb. .05¼- —
ex whse.,Pac.cst.lb. .05¼- —
bbls., c.l., dlvd.....lb. .05¼- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex-whse.,Pac. cst.lb. .05¾- —
French process, comi., lead-free, bgs., c.l., dlvd. lb. .05 - —
l.c.l., dlvd. except Pac. cst..lb. .05¼- —
ex whse., Pac. cst. lb. .05¼- —
bbls., c.l., dlvd.....lb. .05¼- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex-whse.,Pac. cst.lb. .05½- —
green seal, bgs. c.l., dlvd. lb. .06 - —
l.c.l., dlvd. except Pac. cst..lb. .06¼- —
ex whse., Pac. cst. lb. .06¼- —
bbls., c.l., dlvd.....lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
ex-whse.,Pac. cst.lb. .06½- —
red seal, bgs., c.l., dlvd. lb. .05½- —
l.c.l., dlvd. except Pac. cst..lb. .05¾- —
ex whse., Pac. cst. lb. .05¾- —
bbls., c.l., dlvd.....lb. .05¾- —
l.c.l., dlvd., except Pac. cst..lb. .06 - —
ex-whse.,Pac. cst.lb. .06 - —
white seal, bgs, c.l., dlvd. lb. .06¼- —
l.c.l., dlvd. except Pac. cst..lb. .06¾- —
ex whse., Pac. cst. lb. .06¾- —
bbls., c.l., dlvd.....lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .07 - —
ex-whse.,Pac. cst.lb. .07 - —

(Continued on page 31)

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Louisiana's Drug Law

The most important consideration with respect to the new food, drugs, and cosmetic law in Louisiana does not have to do with when actual enforcement of its provisions will be started or what may be added to its requirements by rules and regulations. It focuses on the big question of what the enactment of this law means.

There is little that is particularly stringent about the new Louisiana law; that is, little that was not forecast in the long campaign for revision of the Federal food and drugs act; little that was not to have been expected to result from the popular clamor for more rigid regulation, with particular reference to advertising. The law's provision with respect to multiple seizures is arbitrary; it apparently gives the board of health the right to seize, condemn, and destroy without affording anybody an opportunity to contest or even to protest the action. That is stringency enough for any regulation.

In one other respect the law is more stringent than is necessary. This is in its provision that exemption for dealers and for disseminators of advertising will be granted only if the blame can be shifted to somebody else who resides in Louisiana. Obviously there can be no exemption for a dealer who buys direct from a manufacturer in another State or for a newspaper publisher or local radio station whose advertising contract is with a person not residing in Louisiana.

These extraordinary stringencies are enough to make the Louisiana law very objectionable. They were to have been expected, however; primarily because of the building up of public sentiment in all parts of the country for a more rigid control of the quality of foods, drugs, and cosmetics and of the freedom of speech with which it is sought to popularize various products in these classes.

But, the big question is:—How many other States will follow the lead of Louisiana shortly? That fee system has a strong appeal. It is not, however, the only objectionable feature about decentralized government control of business. When forty-eight separate States and as many municipalities take up the job of controlling foods, drugs, and cosmetics, the controlling may reasonably be expected to be burdensome, if not destructive.

Magnifiers Of Flyspecks

The world has a very large oversupply of persons whose prime purpose in life is the making of dunghills out of flyspecks. As long as flyspecks are to be found, these magnifiers of evil will continue to ply their noisome occupation. As long as they are active, they will have customers for the wares of their malevolent mongering.

It is nothing to these destructive critics that they know little about what they attack. They know enough for their purpose —unfortunately enough can be known— and they are aware that those to whom they are purveyors know even less than they.

Sadly it must be admitted that, in certain instances of unsavoriness in human activities, muckraking has been required to start the effecting of reforms widely recognized to be necessary. The reason has been that those who knew of the existence of the evils, who could not even hope to escape being contaminated thereby in public opinion, for some reason or other neglected the duty that their self-respect and self-preservation indicated.

He who will not rid his house of flies must expect to find flyspecks in his home, and he must be resigned to the fact that these flyspecks will become dunghills when seen—as they must be—and reported—as they will be—by others. The only assurance against unfavorable public reaction is to swat every last fly—even those which are household pets.

Business cannot hope for general acceptance of its protestations that it serves honestly and honorably, as long as those protestations are the least less than 100 percent true. Awareness of the existence, apparently the tolerance, of one louse is sufficient justification for the vast majority of persons to apply the epithet, "lousy," to the place where it habitates. As long as any business allows one within its ranks to offend, it must expect to be regarded as offensive.

Protestations of virtue, widely as they may be heard, fall flat when they can be met with the least evidence that virtue is lacking. If business would be considered clean, it must openly and fully assist the duly constituted authorities to rid it of all that is unclean.

—O-P-D—

Homemade Naphthalene

During recent years the chemical industries in the United States engaged in the processing of naphthalene for one or another purpose have been obliged to rely on foreign sources for at least 50 percent of the crude material required. This situation was economically sound, because crude naphthalene could be imported at a price which averaged lower than that at which it could be produced domestically. The reasons for the situation will not so well stand analysis.

One of the chief reasons for the relatively high cost of producing crude naphthalene in the United States has been the difficulty of finding markets for coaltar pitch and creosote oil, large quantities of which are obtained in the treating of coaltar to produce naphthalene. In view of the enormous strides that were made in recent years in the utilization of industrial by-products once regarded as waste, the backwardness in the utilization of coaltar pitch and creosote oil is difficult to understand. This difficulty is increased when the great advances of the coaltar industry in other directions are considered, and the wide usefulness of its pitch and heavy oil is appreciated.

The potential resources of the United States in coaltar raw materials have not been developed to a degree comparable with their development in other countries. The supply of raw material is more than enough to meet the domestic demand, and the facilities of the coaltar chemical industry for the processing of these materials are adequate. The fault is that which long has been and to an extent still is common in all fields of marked advances in productive capability—distribution has not been commensurately developed.

American producers of raw materials for industry should have better support by industrial consumers of these materials or of other materials for which they may be substituted. It is unreasonable to expect this support to be enthusiastically volunteered. Producers must work to get it, and they must deserve it. Once again it is timely to say, with respect to naphthalene, that producers and consumers of industrial materials would do themselves much good and contribute tangibly and substantially to their mutual welfare by deciding to stick together, to "play ball," one with the other, neither gouging nor welshing under the temptation of a temporary advantage.

American producers can make more than enough naphthalene to supply the domestic demand. They should be encouraged to do so. The best encouragement would be assurance that their output would be taken to the full needs of consumption, at prices now current. If these prices can be paid today to outsiders, certainly they could be paid tomorrow to the homefolks.

—O-P-D—

The Burden Of Proof

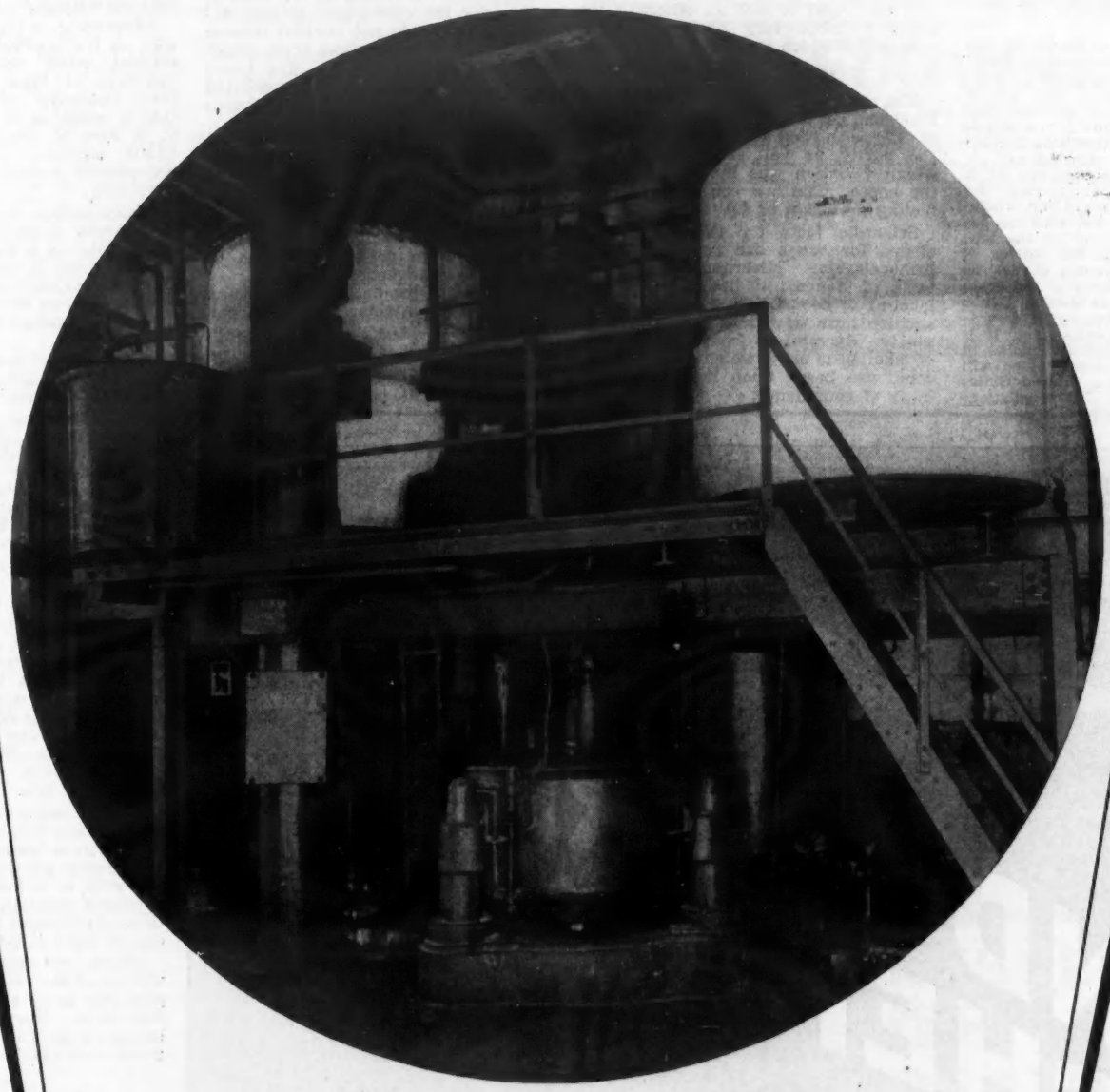
It is, in a way, unfortunate for the purpose of the Robinson-Patman act that so many of those who have uttered analytical criticism of the statute have been rather emphatic in their opinion that the act runs contrary to American jurisprudence in requiring a respondent to prove that his discrimination in price was not in violation of the law.

Proof of innocence must always be adduced to rebut evidence clearly indicative of guilt. When it can be shown by material evidence that one man has killed another, it is not necessary for his indictment that the prosecutor prove beyond all doubt that the killing cannot be justified or excused. The burden of proving justification or excuse is on the defendant.

A complaint of price-discrimination under the Robinson-Patman act is an indictment for the offense which the act makes illegal. The respondent is afforded opportunity to set up an "out" under the law. If a charge cannot be developed to a prima facie case, no complaint should issue, and if one is issued, the answer of the respondent need be only the showing that the evidence is insufficient to show that he practiced price-discrimination.

It will not be difficult to present a prima facie case when price-discrimination has been practiced. The evidence will show clearly that there has been discrimination —and discrimination is an illegal act. What is required of the respondent is, not that he prove that he is innocent of the charge of discriminating in price, but that he show that the discrimination, which it has been proved he practiced, was justified by circumstances recognized as justification in the act. He has no new burden of proof.

• • • UNIFORMITY — THE ESSENCE OF QUALITY • • •



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BISMUTH SUBGALLATE
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PFIZER QUALITY

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CHICAGO, ILL.

La. Drug-Cosmetic Act Patterned on S5

(Continued from page 3)

intent, however. Dr. J. A. O'Hara, president of the department of health and administrator of the food, drugs, and cosmetic law, explains the provision thus:—

In section 9 (f) of our act, the first three lines down to "official compendium" read the same as corresponding paragraph of S. 5, the last three lines of the paragraph, reading "or if its label has been disapproved by the United States government or the State board of health," being substituted for the remainder of the paragraph as it reads in section 402 (f) of S. 5. This change was suggested by pharmaceutical manufacturers and wholesale druggests who conferred with this department in the construction of the law, the intent being that in the matter of labeling nonofficial drugs the matter be left to rules and regulations of the State board of health. In other words, if it is an official drug, it must be labeled according to the official compendium; if it is a nonoffcial drug, it must be labeled in accordance with requirements which will meet the approval of the United States government and rules and regulations promulgated by the State board of health for the labeling of nonofficial drugs. Similarly section 402 paragraph (g) [referring to labeling with dosage and contra-indications] was deleted from our act to be taken care of in rules and regulations to be promulgated by the State board of health.

There is still a question whether it will be illegal to sell an official drug under a proprietary name or other designation which is not its official title.

Variation Clause

The so-called "variation clause" in the Louisiana act is that of the senate form of S.5, permitting variations in quality and purity, as well as in strength, to which variation was limited in S.5 in the house. The law contains the conflicting provision of 401 (d) of S.5.

Scientific facts for the support of claims for drugs are required to be demonstrable. Misbranding on the basis of danger in use according to labeling or advertising is defined in the simpler form of S.5 as passed by the senate. Exemptions from requirements of labeling to show weight, measure, or count are based upon the impracticability of compliance.

The board is authorized—in no instance is it directed—to provide regulations with respect to the labeling of drugs liable to deterioration.

Coca Derivatives Exempted

Special provision is made in the requirement for the stating of narcotic and hypnotic substances on the label of a drug for the exemption of coca derivatives which do not contain cocaine or ecgonine, or substances from which these may be synthesized. The board is authorized to require other narcotics or hypnotics which are clearly habit-forming to be named on the label.

Adulteration of a cosmetic depends on its containing a substance which *may* render it injurious to health under customary conditions of use.

Misbranding of a cosmetic depends, in part, on its actually being injurious to health when used as directed on labeling or in advertising.

There is no specific provision against the use of a container that is in part contaminating.

Advertising Control

The definition of false advertising, which is made illegal by the act, is that of S.5, with the additional requirement that supporting scientific facts be demonstrable.

Advertising of a drug or device for the diseases proscribed in S.5 is prohibited, and the provision is extended to include "any other diseases for which no known therapeutic effect has been fully established."

Advertising to the pharamceutical, as well as the medical, profession is exempted, when disseminated only to members of these professions or in their "*scientific* periodicals." Exemption is made, as in the senate form of S. 5, also of advertising for public-health education which involves no commercial interest on the part of the advertiser.

Dissemination of false advertising by any means is prohibited. Punishment for a violation is limited to a maximum fine of $1,000, if the act complained of does not involve imminent danger to health or gross deception, or the violation is established by opinion evidence only.

Exemption is provided for publishers, radio concerns, advertising agencies, and the like when the violation charged has been caused by a manufacturer, packer, distributor, or seller *residing in Louisiana*. In such cases the manufacturer or other person is to be held amenable to the penalties. Publishers and other disseminators of advertising must tell who caused the dissemination of false advertising—and the one blamed must reside in Louisiana.

Court Restraint

District courts are vested with jurisdiction to enjoin enforcement of regulations promulgated by the board of health, when it is shown that these regulations are unreasonable, arbitrary, or capricious, or not in accordance with law or facts, and threaten damage to the petitioner. Similar jurisdiction is given to enjoin acts in the enforcement of the law.

Factory inspection is authorized by the law, and it is not required that the inspection be made at a reasonable time.

Interested persons are to be given opportunity to be heard in advance of reporting a violation for criminal prosecution. Settlement of minor infractions out of court is authorized.

Dealers get exemption from the provisions of the act when they produce a guaranty from a source of supply *in Louisiana*. They must disclose the sources from which allegedly illegal articles were obtained.

Seizures

The board of health is authorized directly to seize and condemn any article that is adulterated, misbranded, or unregistered, and any food that has been prepared in an unlicensed place. No court action is required. No limit is placed on the number of seizures that may be made.

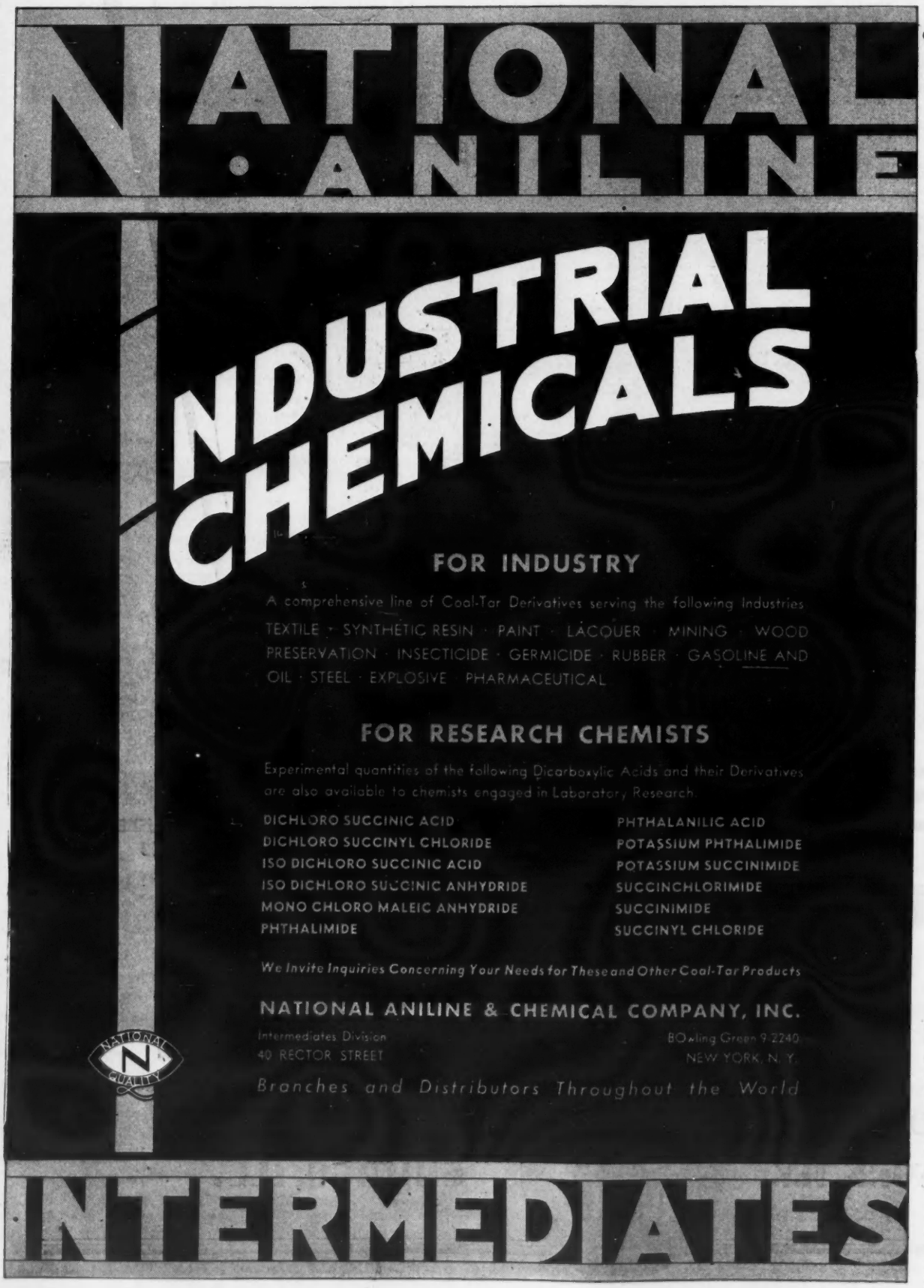
To avoid multiplicity of criminal prosecutions the law provides for the issuance of district court injunctions against adulteration, misbranding, or false advertising. Violations of such injunctions shall be summarily tried and punished as contempt, but a violation of an injunction against false advertising must be an act within the control of the person enjoined.

The penalties provided in the act, except as stated with respect to the advertising provisions above, are for a first offense a maximum fine of $1,000, with or without imprisonment for not more than one year. For subsequent offenses the maximums are $3,000 fine and two years' imprisonment.

The Louisiana law contains also the provisions of S.5 with reference to carriers in interstate commerce, to the liability of corporations and their officers, to duties of district attorneys, and to publication of activities under the act.

International Match to Be Asked to Pay 10% Dividend

The International Match Company is to be asked to make a payment of 10 percent dividend to creditors, in a court application to be filed by Rosenberg, Goldmark & Colin, legal counsel for the Irving Trust Company, trustee of the bankrupt company, according to James N. Rosenberg, who made the announcement on his return from Europe. Mr. Rosenberg went to Europe in July to aid in consummation of a deal whereby the Swedish Match Company acquired all the assets of the International. The dividend would require approximately $10,000,000. A 5 percent disbursement in December required $5,000,000.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Heavy Chemicals

Further Fractional Decline in Antimony Metal—Soda Silicofluoride Continues Firm—Anhydrous Ammonia and Chlorine Active —Tin Salts Barely Steady—Copperas in Good Demand

The market for the industrial chemicals noted a slight slowing down in demand, but reports from all quarters indicated that contract shipments were highly satisfactory for this period of the year. While some industries continued to operate at contra-seasonal levels, the depressing seasonal influences were sufficiently strong to bring about a letdown of operations in some of the more important industrial units, especially the automobile, steel, rubber and kindred manufacturing lines. However, good reports continued to be heard relative to certain light trades. The change in the market was supplied by a fractional decline in antimony metal.

Shipments moving for the account of the automobile industry reflected the shutdown of some plants for the purpose of changing over to new models, bringing about a slight letdown in the steel industry and other kindred trades. Textile industry held up well in the majority of the branches, while the ceramic trade was conservative in buying. Glass and paper trades purchased moderately. Antimony metal was lower, due to the decline at the primary market. Tin salts were barely steady. Soda silicofluoride continued strong, with supplies limited. Chlorine and anhydrous ammonia were active. Copperas was firm.

Alums.—Quiet prevailed in the market for the iron-free and commercial product, with the price retaining a steady tone. The call for the ammonia and potash alums continued good, under seasonal influences, and quotations were steady to firm.

Ammonia Anhydrous.—The warm weather was a factor in promoting a broader demand for this material during the week just closed. Producers were reported to have a good volume of business on the books for forward shipment.

Ammonia Aqua.—This market offered little change during the week, with the shipments moving for industrial account at a rather slow pace, and prices were without change.

Ammonia Bicarbonate.—There was quiet demand reported for this article, with the routine shipments indicating that consumers were covering for nearby requirements only, and the prices were without change.

Ammonia Perchlorate.—Jobbing quantities made up the call for this article again last week, with the prices displaying a steady tone.

Ammoniac Sal.—The white and grey material moved out in fair volume during the week, and the quotations were well maintained. The battery trade and other routine consumers supplied the interest.

Antimony.—The market noted a decline of ¼c. per pound, with the quotations declining due to the dull character of demand, together with the lower prices prevailing in the primary market.

Antimony Oxide.—Business in the oxide continued fairly good, with the ceramic industry ordering out supplies for nearby requirements, and the prices were unchanged. Nothing new developed in the market for the needle, with demand irregular, and prices held unchanged.

Arsenic.—The call for the white material was spotty last week, but the price tone remained firm. There was little to report in the market for the red material, with quotations steady.

Barium Salts.—Prices for the imported barium hydrated have been withdrawn in some quarters, with the situation due to these sellers awaiting a clearing of the German situation. There was little to report in the nitrate, and the chloride and carbonate were in fair demand.

Blue Vitriol.—Further slowing down was apparent in the buying of this material, with the seasonal call coming to a close, and the prices remained firm, for the basic metal was firm.

Calcium Acetate.—A firm tone was a prominent factor in this market, with a fair demand and production was low, due to seasonal influences.

Calcium Chloride.—A steady tone was shown in the market for this material, with shipments of moderate volume moving for the account of the agricultural areas, and prices were without change.

Carbon Tetrachloride.—Cleaning fluid companies were ordering supplies at a representative pace throughout the week, and the price tone was firm at the levels of the preceding period.

Chlorine.—The firm character of the price tone was the feature in this market, with the shipments moving forward for water purification purposes in a voluminous manner, and prices were well sustained.

Copper.—Business in electrolytic copper was fair during the week with the quotations displaying a firm tone.

Copperas.—An active interest was noted in this market again last week, with the activity due to seasonal influences, and prices were without change. Steel mill operations were lower at 71 percent of capacity, but betterment in mill operations were looked for after the Labor Day holiday.

Feldspar.—This market continued to enjoy a fair demand from the ceramic industry, with the prices holding unchanged.

Nickel Salt.—A slowing down in the buying was quite apparent in this direction during the course of the week just closed, but the prices ruled unchanged. The tapering off in the call was attributed to the letdown in the plating trade as a result of the reduction in the automobile production.

Phosphorus.—Another slow week was reported here, and quotations ruled unchanged. June imports amounted to 1,500 pounds, valued at $240.

Potash Carbonate.—There was a fair demand here, with the prices holding steady. June imports amounted to 357,368 pounds, valued at $19,133, of which Czechoslovakia shipped 11,221 pounds. Germany, 322,926 pounds; Netherlands, 22,155 pounds; China, 120 pounds, and Hongkong, 946 pounds.

Potash Caustic.—Shipments continued to move out in fair volume, and a firm tone was noted. June imports amounted to 316,216 pounds, with Germany shipping 310,404 pounds and Sweden 5,811 pounds.

Potash Chlorate.—Match manufacturers were slow in ordering out supplies, with the result the market was a rather dull affair, but prices were firm. June imports amounted to 919,206 pounds, valued at $49,355, of which Belgium shipped 112 pounds; France, 150,976 pounds; Germany, 652,562 pounds; Russia, 110 pounds; Switzerland, 16,239 pounds, and Japan, 99,207 pounds.

Saltcake.—This market noted a fair demand during the week, with the prices displaying a steady tone. Glass manufacturers and the paper trade continued to order out supplies in volume sufficient to cover immediate production requirements.

Soda Ash.—A steady tone prevailed in this market again last week, with the shipments moving out to the various channels of consumption at a good pace, considering the period of the year, and prices were without change.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None.

Reduced

Antimony metal, ¼c. per lb.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.3	153.3	153.3	153.1

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	99.4	99.4	99.3

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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BARIUM REDUCTION CORPORATION SOUTH CHARLESTON, W. VA.

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Time Savers for Normal Solutions. Sold by All Leading Laboratory Supply Houses
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Soda Caustic.—The letdown in operating schedules in certain consuming industries as a result of the seasonal influences was a factor prominent in causing a slower demand in this market, and the prices were regarded as steady to firm.

Soda Chlorate.—A fair amount of business was reported in this direction, and the quotations disclosed a steady to firm tone.

Soda Cyanide.—Plating trade continued to order out a representative quantity of this material, but it was quite evident that consumers were covering for actual wants only, for the automobile industry, a large consumer of plating materials, was tapering off production schedules.

Soda Phosphate.—The market for the tri-basic item continued to note a certain amount of unsettlement, with the consumers purchasing for actual wants only. Business in the di-basic item was fair, and prices ruled at unchanged levels.

Soda Silicofluoride.—A firm tone was outstanding in this market, for supplies continued limited, and sellers were asking 7c. to 7¼c. per pound.

Strontium Nitrate.—An improvement failed to develop in demand, with the usual buyers covering when needs were necessary, and prices were unchanged.

Tin Salts.—The price for Straits tin displayed a barely steady tone, causing the presence of a similar price tone in the salts. The easing tendency in the price tone was said to be due to the heavier exports from Bolivia, with the total amounting to 3,655 tons in July, as against 1,521 tons in June, and a monthly assigned quota of 2,906 tons. The large gain in the Bolivian exports was taken as an indication that that country is entitled to that suspended 5,000 tons. It was generally believed that Bolivia was holding back on tin production for a more favorable monetary exchange market. The scheduled meeting of the International Tin Committee has been postponed to September 18 from September 4. The important subject for discussion will be the renewal of the tin restriction agreement.

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Acids

The market for the various acids continued to experience an irregular demand during the week just closed, with the mixed character of the production schedules the factor causing the spotty buying, but prices generally were steady to firm. Prices for sulphuric acid were firm. Oxalic acid moved out at a fair pace, and there was little to report in the dealings in muriatic acid, for consumers were covering when needs became imperative. The call for phosphoric acid was strictly routine. Dealings in boric acid and battery acid were much the same as the preceding period, with the call restricted to actual commitments.

Acetic.—Betterment in the call was lackening, for consumers were covering when needs were imperative, but prices were unchanged.

Battery.—This market offered little change during the week, with the shipments moving out at a fair pace, and prices ruled at the levels in force previously.

Chromic.—Conditions here were much the same as recent weeks, with the possible exception that demand was a pace slower, and quotations were without change.

Formic.—Shipments were moving out in moderate volume, and the prices were steady to firm.

Hydrofluoric.—This market presented little change during the week, with a firm tone in evidence, and business placed indicated consumers were content to cover when such was necessary.

Muriatic.—This market continued to experience an irregular demand again last week, with a firm tone in prominence.

Nitric.—Nothing new developed in this direction, with the shipments moving at a fair pace, and prices were well maintained.

Oxalic.—A good inquiry was reported for this material, with the prices holding firm.

Phosphoric.—Routine consumers supplied a fair call here, and no change was uncovered in the quotations.

Sulphuric.—Business was highly irregular, due to the mixed trend of operations in the consuming industries, with many of the major industries reflecting the depressing seasonal influences. Steel mill operations were lower at 71 percent of capacity, and the automobile industry was tapering off operations. Production by fertilizer manufacturers in June amounted to 122,681 tons. This production during the first six months amounted to 819,742 tons, compared with 814,623 tons in the same period 1935. Consumption by reporting establishments in manufacture of fertilizer totaled 95,168 tons in June, with a total for the first six months of 609,864 tons, which compared with 657,525 tons in the same period 1935. Stocks of acid held by manufacturers at the end of June were 77,207 tons, compared with 97,901 tons on hand at the end of the same month a year ago.

BALTIMORE, Aug. 12.—The situation with respect to sulphuric acid remains unchanged, except that there is a likelihood of the producers being troubled by a shortage of crude materials because of the revolution in Spain, one of the most prolific sources of pyrites ore. Because of the unsettled state of affairs in the Iberian peninsula it is also considered not improbable that the quotations on acid will be marked up owing to the possible failure of the supply of raw material. So far no quotable change in the market has occurred, with 60 degree acid still held at $12 per ton and 66 degree supplies at $15 per ton. With respect to brimstone, of course, the outlook is much better, for nothing has happened to interfere with shipments of this product, so that a shift from pyrites to brimstone on the part of acid makers may take place. At any rate, the danger of an actual shortage of acid is rather remote. Oleum is also maintaining the price level that has prevailed for some time, with the demand still very moderate and with the current figures at $16.80 per ton for 20 degree stocks, with brimstone again moving into a somewhat more favorable position as the raw material used in acid making.

Insecticides

The market for the agricultural insecticides and fungicides noted a spotty demand during the week just closed, but the price tone generally was steady to firm. Weather report stated that for the first eleven days of August the East Coast area, Piedmont section and south Georgia, Alabama, and Mississippi show rainfall in excess of normal. All other sections show less than normal precipitation. Arsenicals continued firm. Nicotine sulphate was steady. A 1936 cotton crop of 12,481,000 bales was forecast by the Federal Government's Crop Reporting Board, based on Aug. 1 conditions, when better-than-average yields were indicated for the South as a whole, and record yields promised for several major producing States.

Bordeaux Mixture.—Demand was fair here during the week, with the prices holding firm.

Calcium Arsenate.—A dull demand was reported for this material, but the quotations continued unchanged.

Lead Arsenate.—This market noted little variation from the previous period, with the possible exception that demand was a pace slower.

Nicotine Sulphate.—Demand lacked snap, but the price tone was steady.

Tungsten Shipments in 1935

Shipments of concentrated tungsten ore from mines in the United States in 1935 totaled 2,395 short tons, compared with 2,049 tons in 1934, according to a report of the United States Bureau of Mines. The average value per unit of the tungsten concentrates sold decreased from $14.57 in 1934 to $13.37 in 1935. Shipments of tungsten concentrates were made from Arizona, California, Colorado, Nevada and Washington.

United Carbon Earnings Up

United Carbon Company and subsidiaries report for the first six months of 1936 net profit of $1,087,607, after Federal income taxes and other charges, equivalent to $2.73 a share on 397,885 no-par shares of common stock outstanding. This compares with net profit of $937,969, or $2.36 a share, in the first half of last year.

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Robinson-Patman Law Effects Told

(Continued from page 3)

the basis of purchase and reduce the emphasis on bare price. It should stimulate simplification-standardization schedules in industries and the use of quality labels.

There may be a grave question whether a local competition presented by an inferior grade at a lower price can be met by a local price reduction in a higher-grade commodity. And if this should prove to be the case, standardization of grades and qualities would become absolutely necessary to conform to this law and to avoid the possibility of constant conflict with it.

The law does not include, and so excludes, all trade discounts, which makes a revision of many price lists necessary. It does not authorize a flat or fixed scale of quantity discounts. It looks to the elimination of all differentials between customers, which cannot be justified in terms of cost resulting from different methods of selling or of quantities sold or delivered to two or more specific customers.

This is a general law intended to cover the whole of the subject matter. What it includes is law. What it excludes is not law—is outlawed. This is a law which generally prohibits price-discrimination except under certain circumstances and upon conditions which the law states. What this law permits is permitted. What it does not permit, relating to its subject, is prohibited.

Trade Discount Prohibited

This law makes no provision for the justification of the trade discount and therefore prohibits its use. This is wholly different from a quantity discount. The trade discount was contained in the original draft, but it was eliminated in the conference report without explanation or comment. If judicial research goes back so far, the only conclusion as to the legislative intent which the courts can reach is that Congress intended to exclude the trade discount and to substitue what I have called the cost-quantity discount.

The classification of customers for the purposes of price or discount differentials disappears. Customers may be classified by service function only for the purpose of customer selection. Failing such selection and refusal to sell, the manufacturer must justify all price differences as between purchasers under the provisions of this law.

The law points the way to the economic extinction of both the wholesaler and the retailer. It seems quite likely that by breaking down functional service discounts and restricting the use of cost differentials as much as possible without entirely wiping them out, the purpose to foster consumer co-operatives is manifested.

It is very evidently the purpose and policy of the law to do away with all uniform price differentials whether of the service type or the quantity type, and to require as between two purchasers an equality of price save only when in the special instance their own methods or quantities of purchase create a cost difference between them. It comes down to this:—the nearer the manufacturer gets to one price "by the case or the carload" to selected types of purchasers, the safer he is.

It would seem that the chain must buy f.o.b. factory and do its own distributing to branch stores or that the list prices must be f.o.b. factory. In which event the branch stores would pay the delivery charges just as any other purchaser.

Decentralization a Consequence

It seems to me that this is a very possible meaning of this law. And if this is true, there will follow from this law a revolutionary decentralization and relocation of industry. Mass production in highly specialized centers will give way to series of small factories. Mass distribution will disappear with mass production. Labor and population congestion will break up in the diffusion of industry. Property values, mortgage and other securities will be revalued. Rents and tax ratables will be reduced. Prices will become factory prices, and the goods produced will accumulate transportation charges as they move outward until it becomes cheaper to produce them somewhere else. Thus, regional production and distribution areas will be created and industry will be relocated within these areas, taking the working and service population with it.

A supervisory control of price movements is implied, which is wholly new. It is not the power to fix prices, but it is the power to hold price levels unless an economic justification for change and its direction up or down can be demonstrated by those who propose the change.

It becomes obvious that compulsory open-price selling is a necessary adjunct to a law of this character and purpose. The law distinctly limits meeting a competitor's price, services, or facilities by equalling it or them—meeting not exceeding competition. And purchasing competitors must be given the same discounts, rebates, allowances, or advertising service charges when they buy the like quantity of the like grade or quality.

The points stated in the preceding paragraphs, along with many others that are cogent, are elaborated in Mr. Gaskill's commentary. The complete analysis is being published in book form by the Kiplinger Washington Agency.

Obituaries

Dr. H. A. D. Jowett

Dr. H. A. D. Jowett, for thirty years manager of the Wellcome Chemical Works, Dartford, England, died August 10 as the result of injuries sustained in a collision of his automobile with a motorbus. He was sixty-six years old.

Dr. Jowett obtained the degree of Doctor of Science at London University, and in 1896 was appointed to the staff of the Wellcome Chemical Research Laboratories, where he served for a period of ten years. In 1906 he was appointed to the responsible position of manager of the Wellcome works at Dartford, which position he held until his death. Dr. Jowett rendered valuable service, both in research and in the direction of large-scale manufacturing, to the British chemical industry. Surviving are his wife, a son and a daughter.

John William Hirst

John William Hirst, founder of the Hirst & Begley Linseed Company, Chicago, died in the Passavant Hospital, that city, August 1. He was 80 years old. Born in Woonsocket, R. I., Mr. Hirst, when a very young man, went to Kansas and engaged in the cattle business. His activities in real estate led him to take up a claim in what was then Oklahoma Territory. He was a veritable pioneer of the transition stage of the West and was a prominent figure in the coterie of men who led the activities of Kansas in the changing period that succeeded the passing of the old West. At Harper, Kansas, where he was mayor, he engaged in the linseed crushing business with an uncle, William H. Grove, who came of a family of crushers. He moved to Leavenworth after a few years and became manager of a mill owned by the National Linseed Oil Company. While a resident of Leavenworth he was elected a state senator from the third district in 1895. He became manager of the Woodman linseed oil mill at Omaha and, 35 years ago, moved to Chicago to become the western general manager of the American Linseed Company, which had absorbed the National Linseed Oil Company. About 30 years ago he founded the linseed crushing business of Hirst & Begley, Chicago, of which he became practically sole owner. The death of his son, Lieutenant William Danks Hirst, during the World War, was one of the influences which led to his retirement 15 years ago from the linseed industry. He sold his Chicago mill to the National Lead Company, which operates it under the old name of Hirst & Begley.

Surviving are his wife, Mrs. Lillian Dudley Hirst; a daughter, Mrs. Pleda Hirst Jackson; a granddaughter, Joan Mary Jackson, and a nephew, William H. Grove.

Lewis Vreeland

Lewis Vreeland, for sixty-two years in the employ of the Dodge & Olcott Company, essential oil merchant, this city, died August 10 at his home in Freeport, L. I., after a year of illness. He was eighty-one years of age.

Born at Jersey City, N. J., in 1856, Mr. Vreeland joined the Dodge & Olcott Company in 1874 and was continuously employed by that company until his death removed from the company's roster one of its most loyal and highly regarded employees. He was a member of the Royal Arcanum lodge, Bloomfield, N. J., and the Presbyterian Church of Freeport.

Funeral services were held at his late residence on August 12 in the evening. Surviving are his wife, Mrs. M. Louise Vreeland, his son, Walter J. Vreeland, and his daughter, Mrs. Florence V. Jansen, together with four grandchildren and one great-grandchild.

William K. Freas, sales representative of the Powers-Weightman-Rosengarten Company for twenty-two years and an employee in the sales division of Merck & Co. since its absorption of P-W-R in July, 1927, died August 4 in his home in Philadelphia. He was seventy-nine years old. Funeral services were held August 7. Mr. Freas was a veteran salesman in the chemical industry and possessed an exceptionally wide circle of acquaintances. Merck & Co. tendered him a testimonial dinner in December, 1935, at which time public acknowledgment was made of his service to the industry.

C. B. Manbeck, formerly superintendent of the Casper refinery of the Standard Oil Company of Indiana, died August 2 at his home in Alton, Ill.

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Coaltar Chemicals

Sharp Reduction in Benzol Prices — Toluol, Xylol and Solvent Naphtha Continue Firm—Cresylic Acid Shortage Unabated — Phenol in Broad Demand—Creosote Oil Steady

The market for the coaltar chemicals was featured by a sharp reduction in the price schedule for benzol. Otherwise there was little to report, with naphthalene quiet and cresylic acid in short supply. Creosote oil was in fair demand. Coaltar acids and intermediates displayed a steady to firm tone, and a fairly active inquiry was reported for the colors.

Reduction in the prices for benzol came about as a result of the slowing down in demand, resulting in the development of competition in some quarters of the market. Naphthalene was quiet, for the majority of the larger consumers were said to be under contract for the balance of the year, causing the interest to be concerned with coverage for 1937. Toluol slowed down as far as demand was concerned, with the automoblie makers tapering off production in order to change-over to new models, but the prices were firm. And the market for solvent naphtha and xylol continued firm. There was little to report in phenol, with shipments moving out in good volume to routine consumers. Phthalic anhydride continues as the active feature in the intermediates. Anilin oil was in fair demand. The lighter shades continued to feature the color market.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Benzol, 2c. per gal.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.3	**126.5**	**126.4**	**122.8**

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—The outstanding development in this market was a decline of 2c. per gallon, with sellers quoting the price of 16c. per gallon for tank shipments of pure, nitration and 90 percent benzol, and 21c. per gallon for drum shipments. The decline in the price reflected the easing of the demand and the development of competition in some quarters. Steel mill operations declined to 71 percent of capacity from 72 percent in the previous week, according to Iron Age. This same source indicated that an increase in output was likely to take place after the Labor Day holiday. Consumers of benzol, including the rubber tire industry and the chemical processors were withdrawing commitments for immediate production requirements only. The rubber tire industry was slowing down operations as a result of the tapering off in the automobile production.

Creosote Oil.—The market for this product showed little change during the week just ended, with the shipments moving out at a fair pace, and the prices were held steady to firm. Canadian creosote oil exports during the 12-month period ending May, 1936, totaled 1,435,655 imperial gallons valued at $205,827 as against 1,036,199 gallons, value $139,096 in the previous corresponding period of 1935. In the 12 months ended May, 1936, shipments to the United States amounted to 1,435,-010 gallons. The entire export in the period June 1, 1934, to May 31, 1935, was absorbed by the United States.

Cresylic Acid.—The shortage continued unrelieved, with the prices displaying a strong tone. The synthetic resin industry and other routine consumers supplied the interest.

Naphthalene.—There was little to report in this market, with the shipments of the crude material moving to routine consumers in fair volume and interest was concerned largely with coverage for next year, for the major consumers were said to be under contract for the balance of their requirements for the current year.

Phenol.—There was a good buying movement in evidence in this direction, with the pharmaceutical trade, synthetic resin industry and other usual channels of consumption ordering out supplies in consistent fashion, and prices were regarded as decidedly firm.

Solvent Naphtha. — A firm tone was reported for the industrial water white commodity again last week, with the shipments equal to actual production, and prices were unchanged. Business in the high flash item was fair, and prices ruled unchanged.

Toluol.—A slowing down in the buying was quite evident in this direction, with the tapering off in the call attributed mainly to the letdown in operations in the automobile industry, with some of the manufacturers reported to have shut down plants for the purpose of changing over to new models. However, the price tone continued firm.

Xylol.—Shipments held up satisfactorily throughout the week, with the prices displaying a firm tone.

CHICAGO, Aug. 13.—Coaltar bases have been holding their own in the local market recently. Demand for most of the products is reported reaching good totals. Benzol has shown no disposition to retreat further in price. It is expected the automotive industry will be in the market before long for new material for finishes on new models. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 18c. per gallon; motor benzol, 11c. to 13c.; toluol, 30c.; xylol, 10, degree, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 12½c. to 13½c.

Coaltar Acids

Anthranilic. — Demand here was fairly good at times during the week, and the prices were firm.

Benzoic. — Quiet prevailed in this market during the week just closed, with a firm tone prominent in the dealings.

Broenners'. — —This market offered little variation from recent weeks, with the shipments limited to actual requirements, and prices were steady to firm.

Cleve's. — Business in this product continued to be transacted on a conservative scale during the week, with the prices displaying a firm tone.

Salicylic. — Nothing new developed in this market, with the shipments moving out in good volume, and prices were well maintained.

Sulphanilic. — —No change was uncovered in this market, with the shipments conservative in volume, but prices were well maintained at the levels in force previously.

Other Intermediates

Anilin Oil.—This product experienced a fair demand during the week just closed, with the shipments moving to routine consumers, and prices were unchanged.

Anthaquinone. — Although the market was much the same as recent weeks, with the shipments made up of moderate quantities, sellers reported the quotations were well maintained.

Betanaphthol.—A broad inquiry continued in evidence for this material, with a firm tone governing the dealings.

Dinitrotoluene. — —This market continued to experience an irregular call, and the prices were regarded as firm.

Metanitroanilin. — —Shipments were moving out at a fair pace, and the prices were steady to firm.

Orthotoluidin. — Despite the dull character of demand, the market registered a steady to firm price tone.

Phthalic Anhydride. — A substantial buying movement was in evidence in this direction, with the shipments moving to the synthetic resin industry at a pace sufficient to give the market a decidedly firm tone.

Schaeffer's Salt. — Although the market showed a tendency to lag, with consumers showing little interest beyond actual wants, sellers reported quotations were steady to firm.

Toluidin. — Betterment in the buying

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

was lacking again last week, and prices held steady to firm.

Xylidin. — Usual consumers supplied what little activity was noted here, and prices ruled unchanged.

Coaltar Colors

The market for the coaltar colors continued to experience an irregular call during the week just ended. Business in this direction continued to indicate that consumers were covering for immediate production wants only. Reports from the cotton cloth industry were to the effect that mill sales of unfinished goods were light, doubtless below production, but on finished goods they ran much nearer to current production. Mills still are generally well supplied with forward orders, and mill operations show no decline from recent high levels. Prices for the various colors continued to display a steady to firm tone. Dyes entering stains were in fair demand, and prices ruled unchanged.

Botanical Drugs

Miscellaneous

(Continued from page 46)

Lycopodium.—Although stocks were admitted to be low on spot, small abroad, and priced in strong position abroad, reliable quarters offered some spot merchandise as low as $1.55 per pound, as compared with the price of $1.85 per pound wanted in all quarters recently. It was purely a local situation and indicated the growth of competition irrespective of the inability to be sure of normal shipments from the primary market. The local situation, however, had the backing of some prices put out on new crop goods for later shipments. The range was to $1.65 as to seller.

Sarsaparilla.—Honduras and Mexican root continued to supply the requirements of this country. The market was steady to firm, with demand being moderate most of the time past week. Jamaica is a source of supply but not since 1932, when 224 pounds were imported, have exports come to the United States from that country. Jamaica's exports to other countries in the past three years were as follows:—

	Pounds		
	1933.	1934.	1935.
Great Britain	42,545	27,711	28,532
France	24,222	42,659	41,478
India	9,038	11,556	10,151
Belgium	3,601	5,277	3,292
Australia	2,238	550	3,054
Germany	.....	.....	.....
United States	.....	.....	.....
Morocco	1,879	1,120	.....
Chile	.....	1,070	2,290
Egypt	1,120	.....	.....
Totals	84,643	89,943	88,817

Roots

Blueflag.—This root was returned to a position of firm offers last week and prices were set on the basis of 16c. to 18c. per pound. This was higher than the recently nominal quotation of 14c. per pound. Stocks were being acquired at higher prices from the source.

Cranesbill.—Sales have been made at the slightly higher price of 10c. to 11c. per pound. Those quoting minimum figures of late reported payment of higher replacement costs.

Dandelion.—The market abroad continued to advance and spot quotations followed suit. The market here was up to 19c. to 20c. per pound on fair demand.

Gentian.—Because of the stoppage of shipments from Spain and the uncertainty as to when they may be resumed, spot sellers advanced their prices again and quoted whole at 11c. to 12c. per pound, some quarters being minimum at the higher figure.

Golden Seal.—The market was strong at $2.85 to $2.90 per pound for whole, and $3 to $3.05 for powder. Prospects for the crop were poor and some felt that actual consuming and export demand would be satisfied only with difficulty this year.

Lady Slipper.—Quotations ranged 32c. to 35c. per pound, being slightly higher in conformity with the not ample supply available here or in the primary market. Values at the source have strengthened.

Lovage.—Foreign root sold locally at 30c. per pound. Cables named higher replacement costs. The local range was to 32c. Domestic lovage was firmer but lacked quotable change.

Senega.—The failure of prices to undergo their usual decline in the primary market this year has tended to strengthen the views held by those with supplies obtained a year ago. Local quotations were up slightly to the basis of 36c. to 38c. per pound.

Serpentaria.—Country prices at higher levels have been paid by local dealers and their views on values have strengthened at the higher basis of 50c. to 52c. per pound.

Spikenard.—Quotations prevailed at 10c. to 12c. per pound and at the slightly higher level were materially strengthened by what has to be paid for the not excessive collection of new crop goods this year.

Seeds

Anise.—No further advance in prices on Spanish material came last week, but the import position of the article was still uncertain because of the civil war in Spain. Sellers were firm in their spot views and were disposed to be somewhat reserved.

Flea.—Much smaller production of French seed has led to advances in prices for replacement goods and caused spot quotations to be advanced to the basis of 10c. to 11c. per pound. India seed was sympathetically higher at 8c. to 8½c.

Mustard.—Domestic production of this seed was expected to be the smallest in many years. This has caused buyers to turn to foreign sources for supplies, particularly to the middle European types of yellow seed. Prices have been advanced in all markets. Those on spot were as follows:—California brown, 6¾c. to 7¼c. per pound; yellow, 7½c. nominal; English yellow, 9c. to 9½c.; Danish yellow, 8¼c. to 8½c.; Roumanian yellow, 6⅝c. to 7c.; Dutch yellow, 8½c. to 9c.; Bombay brown, 7c. to 7½c.; Chinese yellow, 5¼c. to 5¾c.; Montana, yellow, 6½c. nominal; brown, 7¾c. nominal.

Poppy.—Introduction of firm offerings of new crop Hungarian seed came last week and the views of the shippers were practically the same as those named by the Holland suppliers. Local dealers were disposed to the view that, because of the much smaller acreage in Holland this year—only 1,000 were cultivated—higher prices are to be expected sooner or later.

Spices

Cassia.—Batavia cassia continued to advance. No. 1 was higher at 14c. to 14½c. per pound and the No. 3 was 7¾c. to 8¼c. China cassia was very firm in keeping with replacement costs. Stocks were moderate and replacements were well maintained.

Clove.—Quotations were not advanced further on the spot but they were very firm at the recently achieved levels and were fully supported by the prevailing prices in the primary market.

Ginger.—Effective September 5, ginger root changed from its natural state by drying sufficient to result in permanent preservation, will be subject to an import duty of 20 percent ad valorem, according to Treasury Decision No. 48,457. It had been admitted free of duty previously. The decision was taken under paragraph 778 of the 1930 Tariff Act. The decision was approved July 28 and published August 6. Spot prices advanced when news of the decision reached the market. New quotations were setup as follows:—African, 15¾c. to 16¼c. per pound; Cochin lemon, 17¼c. to 17¾c.; Jamaica bold, 19c. to 21c.; medium bold, 14¾c. to 15¼c.; bright grinding, 14¼c. to 14¾c. Japanese held unchanged at 16½c. to 17c.

Nutmegs.—West India nutmegs were still subject to strong control of stocks in prices at the source of supply. The spot dealers could take no other than a firm view on the local values. Demand was very good.

Peppers.—According to reports from Amsterdam last week, the Dutch East Indies government has rejected a proposal that it intervene in the pepper trade with a control plan. The government believed that such a plan would be ineffectual. The proposal was made because of the large stocks of Java peppers and the low prices obtainable for some time past. It was not thought that present spot values would be affected by the decision made in Amsterdam. They were without change in any respect last week.

Esselen Goes to I.U.C. Conference

Gustavus J. Esselen sailed on the S.S. Queen Mary August 12 to represent the National Research Council and the National Academy of Science as an official delegate at the Twelfth Conference of the International Union of Chemistry in Lucerne, Switzerland, August 16 to 22. Dr. Esselen was recently elected a member of the National Research Council. He is a member of the board of directors of the American Chemical Society, a director of the American Institute of Chemical Engineers, and president of Gustavus J. Esselen, Inc., chemical consulting firm, Boston.

Naphthol AS-DB Put On British Free List

On recommendation of the Import Duties Advisory Committee the British treasury has added Naphthol AS-DB to the tariff free list. Several similarly used intermediate dyestuffs were previously on the free list.

Orange Coloring Continued

Florida having assured the United States Department of Agriculture that it will not permit the dyeing of the skins of any oranges which do not measure up to the required 8-to-1 standard of ripeness, or which are otherwise inferior, the department has agreed to permit the dyeing to go on until September 1, 1937, without taking action charging adulteration. The presence of a dye must be plainly and conspicuously declared.

Acetylene Ass'n to Meet Nov. 18

The International Acetylene Association will hold its thirty-seventh annual convention in St. Louis at the Jefferson Hotel, November 18 to 20. Technical sessions will be held each afternoon and on two evenings, with the oxy-acetylene process for welding and cutting metals featured. The evening of November 18, will be devoted to a forum on welding and cutting and the evening of November 19 will comprise a series of popular round-table discussions on oxy-acetylene welding and cutting practices.

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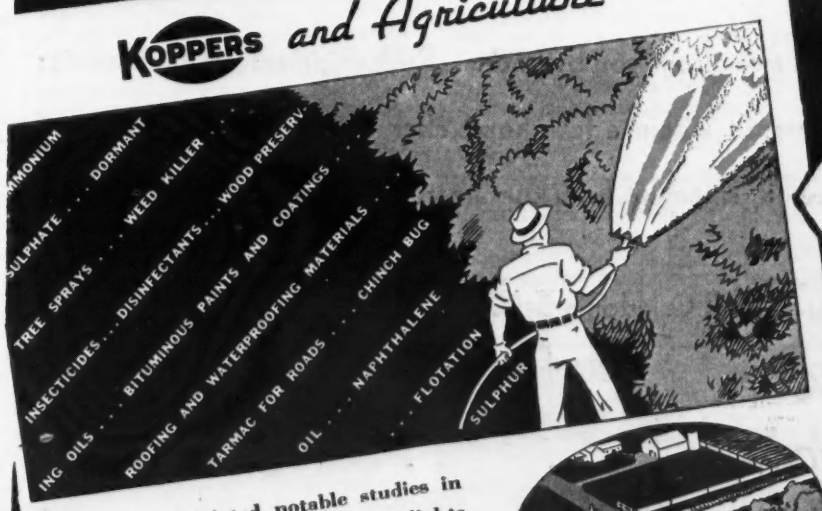
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This is one of a series of advertisements which are appearing each week in Business Week, reaching 90,000 important business executives in this country. In these advertisements Koppers is pointing out ways in which certain groups of chemical products (which you manufacture) are serving each of a wide variety of industries.

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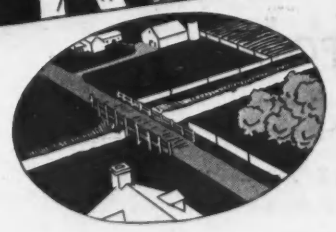

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KOPPERS PRODUCTS CO.
PITTSBURGH, PENNSYLVANIA

Essential Oils, Aromatic Chemicals

Essential Oils

(Continued from page 48)

as follows: red, 80c. to $1.25 per pound; white, 85c. to $1.30.

Wormseed. — Dealers continued to report a very good demand on export account and the market reflected this by remaining firm in undertone and price.

Wormwood.—Quotations were higher at $2.65 to $2.75 per pound, although an occasional lot might be obtained at a shade less in one direction. Production was expected to be considerable less than that normal for this item and higher prices were generally predicted for the future.

Aromatic Chemicals

Amyl Phenylacetate.—A market that was routine but active to an extent about normal for this item prevailed during the past week. Prices were fairly steady on the whole, competition being not very active.

Amyl Salicylate. — The market was stable. Prices have been free from change for a considerable length of time and in the absence of much competition conditions were expected to continue to keep values well stabilized. Demand was steady and for normal quantities.

Benzylidene Acetate. — Interest was limited to comparatively small quantities of this item. The call for such parcels was steady enough to keep prices well maintained and free from fluctuation.

Borneol. — The position of this item was quiet but steady. Sales confirmed the market at $1.75 per pound but only small quantities changed hands last week. Quotations have been well stabilized for a long time past.

Cuminic Aldehyde. — This material is valuable in creating cyclamen, violet, and similar types of products. The price has been held steady for some time past and sellers said that the spot held nothing to forecast a change in that aspect of the market. Business was normal in volume.

Dimethyl Hydroquinone. — Business was done at $3 per pound in volume about normal for this item. The undertone of the market was very steady and conditions were called normal.

Eucalyptol. — This item continued to show the improvement in strength that developed when raw material became substantially stronger at higher replacement costs. Stocks of raw material were small at the source and contract shipments have been delayed substantially.

Geranyl Acetate. — Business was a trifle less active than it had been. Buyers were in the market for moderate sized quantities in most instances, larger requirements being not much of a part in trade last week. Prices remained very steady.

Hydrocinnamic Alcohol. — Manufacturers of the oriental type of perfume have been fair takers of this item of late, creating a market of steady and well maintained undertones and tending to hold prices to a firm position in all quarters.

Linalyl Acetate. — The higher price of bergamot oil now prevailing has led to some increase in demand for linalyl acetate. The latter had a steady movement last week at full prices prevailing for some time past.

Methyl Acetophenone.—The call was moderate and not especially steady last week, varying considerably from day to day. However, prices remained steady in the absence of any important surplus of supplies, as well as because of the well maintained cost of replacements.

Musk. — Domestic manufacturers reported fair trade at prices declared to be moderately steady. Competition was fairly active, however, so far as the artificial musk was concerned, supplies being ample in all directions.

Paracresol Acetate. — Buyers traded in quantities close to jobbing in size. Trade was, on the whole, hand-to-mouth most of the time as there was no pressing need for purchases covering needs much beyond those of the immediate future.

Phenylethyl Propionate.—Substantial quantities moved at about $9 per pound, some fairly important requirements having been covered. Following this business, the market became routine but remained steady.

Vanillin. — The strength in raw material for this article produced from eugenol was pronounced and the tendency in production costs seemed to be upward. Guaiacol vanillin was available in ample quantities at steady and attractive prices. Demand was active and seasonal.

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Naphthalene Output May Be Increased

(Continued from page 3)

broad expansion in the demand for those products and certain tar acids has placed an entirely different aspect on the 1937 situation.

The study of the crude naphthalene situation by the Federal government was prompted at least in part by the development of a severe shortage early in the current year, causing the price to rise from $1.90 to $4.50 per 100 pounds. The short supply, primarily reflecting the German embargo on naphthalene exports, became most pronounced in April. At that time refiners were making heavy seasonal withdrawals for flake and ball requirements, and a broad inquiry was coming from the rapidly growing synthetic resin industry and from dye manufacturers for supplies of phthalic anhydride and certain other intermediates, which have naphthalene as a starting point.

Analysis of the 1936 import figures shows that, while little material was brought in from Germany, a country which formerly supplied 35 to 50 percent of the United States import requirements, receipts increased from other countries, including the United Kingdom, Czechoslovakia, Russia, and Poland, with imports for the first time from the Irish Free State and South Africa. During the first five months in 1936 imports of crude naphthalene aggregated 17,500,000 pounds, compared with 20,000,000 pounds in the corresponding period a year ago. Crude naphthalene imports have been averaging 48,000,000 pounds annually.

The embargo on naphthalene exports placed in effect December 15, 1935, by Germany was understood to have been instituted at the request of the naphthalene carbon black manufacturers who felt that production of this new synthetic product could not be undertaken without their first being assured of an adequate supply of the domestic raw material. The national policy of Germany in replacing as many imported articles as possible with domestic products manufactured from raw materials was also a contributing factor in bringing about the embargo.

Hardy Sees Import Cut

Charles Hardy, president of Charles Hardy, Inc., large importers of naphthalene, this city, who has returned from a two-months' trip to Europe, informed a member of the REPORTER staff that he had a number of conferences with German, Polish and Czechoslovak producers of naphthalene and that under present conditions, in his opinion, there is no possibility of obtaining any naphthalene from either Germany or Czechoslovakia, and that the production in Poland has never been large and the total tonnage available for export is only a few hundred tons.

Westvaco Chlorine Net Increased

Westvaco Chlorine Products Corporation and subsidiaries for the twelve months ended June 27 report net profit of $614,106, after depreciation, federal income taxes and other charges, equivalent, after preferred dividend requirements, to $1.61 a share on 284,962 no-par shares of common stock. This compares with $597,941, or $1.56 a common share, in the twelve months ended June 29 of last year.

Dyestuffs and Textile And Leather Chemicals

Divi-Divi Declines — Wattle Bark Higher — Myrobalans Reduced —Corn Derivatives Firm—Sulphonated Oils Highly Competitive —Bichromates in Fair Demand—Zinc Dust Unchanged

Business in the market for dyestuffs and tanstuffs was seasonal dull during the week just closed. Manufacturing consumers in all direction were apparently exercising caution in the ordering out of raw material supplies, endeavoring to hold purchases to actual production wants. Changes in the market included a decline in the price for divi-divi and myrobalans and a slight advance in the quotations for wattle bark.

Decline in the prices for divi-divi and myrobalans came about as a result of the dull character of the buying. The prices for wattle bark were higher, with sellers in some quarters reporting that an advance was noted in the primary market transactions. Valonia beards and cups were strictly nominal as far as prices were concerned, with the nominal price position of the market due to the short supply. Corn derivatives remained firm, with the firmness due to the presence of a strong price tone in the basic product. In connection with corn, the United States Crop Reporting Board estimated the corn crop to be the smallest since 1881. Bichromates were firm. Sulphonated oils were subjected to keen competition. Zinc dust was steady. Antimony salt was dull. Mixed trend of operations in the textile industry caused a dull demand for the dyestuffs.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Wattle bark, $1 per ton.

Reduced

Divi-divi, $2 per ton.
Myrobalans, J2, 75c. per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.6	152.4	152.6	151.8

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—Business noted a fair demand during the week just ended, with the shipments of moderate quantities moving to the pharmaceutical and dye trades, and prices ruled steady to firm.

Antimony Salt.—This market was the recipient of a dull demand again last week, with the shipments moving out at a pace indicative of hand-to-mouth purchasing, and prices ruled unchanged.

Potash Bichromate.—A good inquiry was noted in this direction during the week just closed, with the prices displaying a firm tone.

Potash Prussiate.—The call for the yellow article was slow again last week, with the quotations holding steady to firm. Little change was shown in the market for the red article, with some sellers still remaining out of the market until the German situation clears.

Soda Bichromate.—A firm tone continued as the prominent factor in this market, with the shipments moving at a good pace, and prices were in line with the quotations in effect previously.

Sulphonated Oils.—Business here continued to be subjected to keen competition, with the prices holding about the same levels as the previous period. The Bureau of Census reports that fats and oils subjected to sulphonation during the quarter ended June 30 was as follows:—Tallow, 1,733,092 pounds; neatsfoot oil, 384,680 pounds; cod oil, 1,617,907 pounds; sperm oil, 408,881 pounds; red oil, 381,861 pounds; miscellaneous animal oils, 98,586 pounds. The total of vegetable oils was 5,334,312 pounds, of which was 221,320 pounds of coconut oil; corn oil, 79,121 pounds; olive oil, 1,485,251 pounds; castor oil, 3,057,775 pounds; rapeseed oil, 159,305 pounds; teaseed oil, 247,769 pounds, and miscellaneous, 83,771 pounds.

Zinc Dust.—Another quiet week was noted here, with the prices holding steady, for the basic metal was steady.

Dyestuffs

Annatto.—Business in the paste and seed material was dull again last week, with the prices holding unchanged.

Archil.—Interest here indicated that consumers were covering for actual needs only, but the prices were well maintained, for surplus stocks in the hands of sellers were limited.

Cochineal.—Despite the dull character of demand in this market, with the consumers apparently content to purchase for actual wants only, sellers reported the prices for the Teneriffe silver and grey articles continued unchanged.

Fustic.—There was little to report in this direction again last week, with the textile industry purchasing for actual wants only, but the prices for the crystals and other sorts continued unchanged.

Indigo.—Business in the market for the natural material continued at a slow pace during the week just closed, with the limited amount on hand giving the market the firm price appearance. A good call continued for the synthetic article, and prices were firm.

Quercitron. — Nothing new occurred in this direction, with the prices holding steady to firm.

Sizing Materials

Albumen.—The market for the edible egg material continued to display a steady tone, with the demand irregular. The steadiness was due to the continuance of a firm tone in the primary market, and the general lifting of foodstuffs prices here, as a result of the drought.

Dextrin.—A firm tone was a prominent feature in this market again last week, with the firmness resulting from the strength in the price for the basic material. Sellers were withdrawing supplies for nearby requirements only.

Egg Yolk.—There was a fair demand in evidence for this material at times during the week, with a steady to firm tone in evidence. Cables from the primary market indicated a firm tone was in the dealings there.

Frozen Eggs.—The market on the New York Produce Exchange was dull. On Friday, August, whole mixed futures closed at 17.50c. to 18.75c.; Sept., 17.60c. to 19.00c.; Oct., 17.70c. to 19.15c.; Nov., 19.25c. asked. Spot nominal.

Starch.—A firm tone continued in the market for the corn derivatives, with no change disclosed in the quotations. A United States corn crop of 1,439,135,000 bushels in 1936 is indicated by condition on August 1. The 5-year (1928-32) average corn production was 2,553,424,000 bushels. Last year the crop amounted to 2,291,629,000 bushels. Only twice before in the present century has the crop fallen below 2,000,000,000 bushels. In 1901 the production was 1,715,752,000 bushels and in 1934 it was 1,487,027,000 bushels. This year's crop is the smallest since 1881. The condition of the crop was reported at 46.8 percent of normal on August 1, 1936, compared with 75.1 percent on August 1, 1935. The 10-year (1923-32) average August 1 condition was 75.6 percent. Above normal temperatures, accompanied by lack of moisture, had reduced corn prospects to below average in most of the corn belt and in the Southern States before July 1, 1936. Below normal precipitation and above normal temperatures continued during July in all of the corn belt States with the result that corn prospects declined rapidly during the month. The greatest losses occurred in Illinois, Wisconsin, Minnesota, Iowa, Missouri and Nebraska, where a fair crop was in prospect on July 1 and where conditions were relatively the most unfavorable during July.

Tanning Materials

Divi-Divi.—This market was $3 per ton lower at $30 to $32 per ton, with the dull character of the call bringing about the decline.

Gambier.—The market was much the same as the preceding period, with the shipments moving out at an irregular pace, but the prices were steady, with no change disclosed in the common, plantation or Singapore cubes.

Mangrove Bark.—Tanners were ordering out supplies for immediate needs only, but the prices were unchanged at $26 to $27 per ton.

Myrobalans.—The market for the J2 material was 75c. per ton lower at $14.25 per ton, and the R2 product was listed at $14 per ton, with the market for J1 item rather dull, but prices were unaltered.

Sumac.—A good demand was reported for the ground material at times during the week, with a firm tone in evidence. Business in the leaf was fair, and prices were about the same as the previous period.

Valonia.—The market for the cups and beards noted a nominal price again last week, with the nominal position due to the limited amount of material on hand as a result of the crop having been short.

Wattle Bark.—This product noted a spotty demand, but the prices were firmer, with sellers asking $28 per ton to $30 per ton.

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended August 12

Anise seed, 85 bags; filthy.
Benzoin gum, 50 cases; not U. S. P.
Cardamom seed, 10 cases; filthy.
Cassia oil, 5 drums; not U. S. P.
Coconut oil, 6 cases; no quantity of contents declaration.
Coriander seed, 600 bags, filthy.
Cumin seed, 72 bags, filthy.
Medicinal preparations, 2 cases; false therapeutic claims.
Nutmegs, technical, 946 bags, restricted use.

Baltimore

Week Ended August 12

Nutmegs, 36 bags; moldy and wormeaten.

Buffalo

Week Ended August 12

Medicinal preparations, 9 cases; false therapeutic claims.

Los Angeles

Week Ended August 6

Medicinal preparations, 5 pieces; false therapeutic claims.

Philadelphia

Week Ended August 12

Medicinal preparations, 3 cases; false therapeutic claims.

Current Market Quotations

(Continued from page 21)

Zinc oxide, pigment, import., gold seal, cks., ex dock..lb.	.10⅞-	.11½
green seal, bbls.,1-15 tons, ex dock..lb.	.07½-	.08⅝
ex whse.....lb.	.07⅝-	.08⅝
red seal, bbls., 1-19 tons, ex dock..lb.	.06⅞-	—
ex whse.....lb.	.09 -	—
white seal, cks., lots of 5, ex dock..lb.	.09⅝-	—
ex whse.....lb.	.10 -	—
smaller lots, ex dock lb.	.10 -	—
ex whse.....lb.	.10⅛-	—
USP, bbls., c.l.....lb.	.08 -	—
l.c.l. .....lb.	.08⅛-	—
Palmitate, bbls.....lb.	.22 -	.25
Resinate, fused, pale, bbls...lb.	.09 -	.10
precip., dms., dlvd.....lb.	.15 -	—
Stearate, tech., precip., bbls., ctns., c.l..lb.	.19 -	—
l.c.l., 1 ton.....lb.	.20 -	—
1,000-2,000 lbs.....lb.	.21 -	—
less than 1,000 lbs..lb.	.22 -	—
USP, bbls.....lb.	.20 -	.25
Sulphate, cryst., bgs., c.l.100 lbs.	2.65 -	—
l.c.l. .....100 lbs.	3.15 -	—
bbls., c.l.....100 lbs.	2.80 -	—
l.c.l. .....100 lbs.	3.30 -	—
flake, ogs., c.l.....100 lbs.	3.05 -	—
l.c.l. .....100 lbs.	3.55 -	—
bbls., c.l.....100 lbs.	3.20 -	—
l.c.l. .....100 lbs.	3.70 -	—
powd., bgs., c.l.....100 lbs.	4.35 -	—
l.c.l. .....100 lbs.	4.85 -	—
bbls., c.l.....100 lbs.	4.50 -	—
l.c.l. .....100 lbs.	5.00 -	—
Sulphide, bgs., c.l. (20 tons), dlvd..lb.	.10⅛-	—
l.c.l., 5 tons, dlvd. E. or ex whse., Pac. cst..lb.	.11 -	—
1 ton, same basis.....lb.	.11¼-	—
smaller lots, same basis.lb.	.11½-	—
bbls., c.l. (20 tons), dlvd..lb.	.10⅝-	—
l.c.l., 5 tons, dlvd. E. or ex-whse. Pac. cst..lb.	.11¼-	—
1 ton, same basis.....lb.	.11½-	—
smaller lots, same basis.lb.	.11⅝-	—
Sulphocarbolate, NF, bbls...lb.	.24 -	.25
Zinc-ammonia chloride, cks....lb.	.0465-	.05
Zinc-iron oxide pigment, bgs.,c.l., dlvd..lb.	.03¾-	—
l.c.l., dlvd. except Pac. cst..lb.	.04¼-	—
ex whse., Pac. cst....lb.	.04¼-	—
Zirconium nitrate, kgs., works.lb.	3.00 -	4.00
Oxide, crude, 73-75%, grd., bbls., works..ton.	75.00 -	100.00
kgs., small lots, works..lb.	.04⅜-	.04½
white, 99%, grd., kgs., works. lb.	1.40 -	1.80

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the August 3 issue; the next printing will be in the September 7 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials market, which begins on page 33.

Frederick Umbreit, of the Philippine American Drug Company, Manila, is stopping at the New York office of the company, 16 Beaver street, with a view of discussing representation in the Philippines of manufacturers of drugs, chemicals, and related products.

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Crotonaldehyde
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Aluminum Formate
Sucrose Octa Acetate
Other Acetate Salts

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on
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Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

WHITE-LEAD
–Lasts!

INCREASE the white-lead content of your paints and you increase their lasting properties. For "white-lead" and "long life" are synonymous terms.

Also—the more white-lead the better the paint in ease of spread and coverage.

The white-lead pigments of National Lead Company are the choice of leading manufacturers because the quality and uniformity of these pigments never vary from the highest standards... In addition to the white-lead pigments listed below, National Lead Company is also a dependable source of supply for lead oxides—red-lead, litharge and orange mineral.

NATIONAL LEAD COMPANY

111 Broadway, New York; 116 Oak Street, Buffalo; 900 West 18th Street, Chicago; 659 Freeman Avenue, Cincinnati; 1213 West Third Street, Cleveland; 722 Chestnut Street, St. Louis; 2240 24th Street, San Francisco; National-Boston Lead Co., 800 Albany Street, Boston; National Lead & Oil Co. of Pa., 316 4th Ave., Pittsburgh; John T. Lewis & Bros. Co., Widener Bldg., Phila.

DRY WHITE-LEAD
(Dutch or Carter process)

H. T. S.
(High Tinting Strength)
WHITE-LEAD

BASIC LEAD SULPHATE

Paint, Varnish, Lacquer Materials

Turpentine and Rosin Quieter and Prices React—New Ester Gum Schedule—Natural Gums Fluctuate—Casein Stronger—Trade Fair

The week's price developments were centered principally in the gum market. The appearance of a new schedule for ester gum, which becomes effective September 1, was one of the foremost developments. Other changes in the gum list included advances in A/D Batavia dammar, and in the DK and CNE gradings of the Manila group. Several declines were recorded in Manila and East India gums.

Stronger casein prices during the week were accompanied by fresh buying and further diminishment of the free supply. Buyers are covering far ahead and each advance in the price points closer to the predictions made some time ago which indicated a twenty-cent casein market before Winter.

The week did not furnish any new developments in the Spanish red oxide situation. Communications with primary market suppliers in the Malaga district are still difficult. There were reported advances in spot prices in some quarters last week, but the leading importers are still able to cover the needs of their regular customers at unchanged quotations. Of course, prices for Spanish red were advanced a few weeks prior to the commencement of the revolutionary uprising in Spain, but sellers predict that another advance will take place soon.

Rosin and turpentine were less active last week, the recent sharp advances in prices making consumers disposed to curtail purchases for a time and await further developments. The trend of prices was reactionary. Export trade in rosin was fairly active and there were reports of some improvement in the foreign inquiry for turpentine, though confirmation was lacking. Marketing continued free.

General trade in paint, varnish and lacquer chemicals is fair considering the usual slowness of August. Manufacturers of synthetic enamels seem to be the most active buyers in the market.

Lacquer sales in the first half of the year totaled 21,630,735 gallons against 17,258,104 gallons in the first half of last year, according to the Bureau of Census report, which includes clear and pigmented lacquers, lacquer bases and dopes, and thinners.

Building construction in July declined 15.4 percent from the June total in 215 cities canvassed by Dun & Bradstreet. The dollar volume was $95,281,-845 against $112,640,106 in June and $54,191,787 in July, 1935.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Casein, dom., 20-30 mesh, ¼c. per lb.
import, French, ½c. per lb.
Gum, copal, Manila, Loba CNE, DK, ⅝c. per lb.
dammar, Batavia, A/D, ½c. per lb.
Thus, 50c. per ton.

Reduced

Gum, copal, E. I., Rasak nubs, chips, ⅜c. per lb.
bold, black, scraped, ⅜c. per lb.
unscraped, nubs and chips, ¼c. per lb.
Manila, Loba A, 1¼c. per lb.
B, ⅞c. per lb.
C, ½c. per lb.
MA, ⅜c. per lb.
MB, ⅜c. per lb.
Rosin, gum, 5c. to 30c. per 280 lbs.
Turpentine, gum, ⅜c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
129.9	129.9	129.9	134.0

Market news that may have developed after this report was sent to press will be found on page 4.

Though the volume was not so large as a week ago there was an excellent demand with buyers covering for September. Prices held firm throughout the week at 4.45c. per pound at East St. Louis and 4.60c. to 4.65c. per pound at New York, according to seller.

Slab zinc purchases were light last week and the market does not possess the snap that its companion metal lead has. There was a little improvement in the London position in the latter half of the week and an extension of this appreciation of prices would likely lift the American price above its present level of 4.80c. per pound. Zinc ore production was thought to have declined considerably last week following the heavy output of 6,600 tons in the tri-state district a week ago.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from August 8 to August 14, inclusive, are as follows:—

	Pigs			
	Per pound		Spot. London. Per ton	
	New York.	E. St. Louis.	£	s. d.
Saturday	$0.0460@.0465	$0.0445	..	.. ..
Monday	.0460@.0465	.0445	16	15 0
Tuesday	.0460@.0465	.0445	16	13 9
Wednesday	.0460@.0465	.0445	16	12 6
Thursday	.0460@.0465	.0445	16	16 3
Friday	.0460@.0465	.0445	16	15 0

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from August 8 to August 14, inclusive, are as follows:—

	Slabs			
	Per pound		Spot. London. Per ton	
	New York.	E. St. Louis.	£	s. d.
Saturday	$0.05225	$0.0480	..	.. ..
Monday	.05225	.0480	13	7 6
Tuesday	.05225	.0480	13	8 9
Wednesday	.05225	.0480	13	7 6
Thursday	.05225	.0480	13	11 3
Friday	.05225	.0480	13	10 0

Pigments

Although business is held within the limits of the Summer, there is a fair volume of trade reported in some quarters. The rubber products manufacturers and the linoleum trade continue as outstanding purchasers. Paint makers in the western area are not active buyers and have not shown more than a desultory interest in replacements for the past several weeks. The eastern market has improved during the past two weeks. Prices hold an even position throughout and there were no changes reported last week.

White Lead.—Manufacturing buyers' needs for replacement are small at this time of the year. Specification business is responsible for most of the activity shown. Prices for dry basic carbonate and basic sulphate material are held at the levels that have been long standing.

Red Lead.—Metallic lead has been in good demand over the past week, but there are no indications of rising prices and the quotations far car-lot and smaller quantities of this derivative have been held steady at prices that have been long in force. Demands are fair.

Litharge.—In company with other lead products, the price situation is steady. The car-lot figure has not moved in months, but the basic metal has firm tendencies now.

Lithopone.—The added purchasing activity of a week ago was sustained last week. At least, the eastern manufacturers were able to report this condition. The situation in the West, according to latest reports, was still quiet. Prices hold unchanged.

Titanium Pigments.—There is still evidence of the dullness of the Summer months, but by virtue of active purchasing in some directions, the market's position is not so dull as usual during August. Prices for all grades continue unchanged and firm at the schedule.

Zinc Oxide.—There was little change from conditions of a week ago. Business has been slightly better this month, with the demands from the rubber products makers and the linoleum trade rather good. Prices for lead-free and leaded grades continue at schedule.

Metallic Lead and Zinc

The past week was another active trading period in the lead market. Though the volume was not so large as a week ago there was an excellent demand with buyers covering for September. Prices held firm throughout the week at 4.45c. per pound at East St. Louis and 4.60c. to 4.65c. per pound at New York, according to seller.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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Fillers and Extenders

Occasionally there are reports of an active movement of fillers, mineral whites and extenders into consuming channels, but the general run of reports from suppliers of these products indicates a slow and dragging market. Moreover, there is no material change expected until Fall trade starts to reach the market. This group of commodities is devoid of price feature other than general steadiness.

Barytes.—The domestic article is moving in a routine way at the prices that have been in force for some time. Imported material holds unchanged in price and, as mentioned previously, German material is still quoted and reported available from open market sellers at the prices that have been named for some time. The halt in the use of discount marks in German-American trade has not affected prices here as yet.

Gypsum.—Output of crude gypsum and gypsite in the first quarter of 1936 was 355,875 tons against 292,406 tons in the corresponding quarter of 1935. There were 35 operators in the business against 37 in the first quarter last year. Imports were 10,730 tons against 8,098 tons. The pottery and terra cotta trade bought 29,142 tons against 38,834 tons in the corresponding period of 1935, according to the Bureau of Mines.

Hardwood Pitch.—At least one factor has withdrawn from the sale of this material because of the unattractiveness of current prices. Those who elect to sell are doing so at the basis of $20 to $21 per ton, delivered Akron.

Dry Colors

Importers of Spanish red oxide are still able to care for the needs of regular customers out of warehouse stocks and so far the leading sellers have not made any move toward higher prices. It is still difficult for importers to communicate with their principals in the Malaga area. Of course, Spanish reds were raised in price a few weeks prior to the outbreak of revolutionary warfare in Spain but there is doubtless another advance in the offing. Chemical dry colors are without change in price and the demands from the several lines of consumption are moderately good.

Carbon Black.—Although the August schedules in the Akron district generally register a little decrease from July, some have improved over July and taken generally there is a fair seasonal business being done in standard grade blacks. Prices hold unchanged. The specialty blacks for makers of surface coatings are in good request at unchanged prices.

Chrome Yellow.—The market holds at an unchanged level with contract business at 11c. per pound. The demands of the market are moderately active.

Iron Blues. — Prices hold with the same steadiness that has been evident in the market all year. There is a fair rate of withdrawals against contracts.

Spanish Red Oxides.—The week failed to bring new developments. There were some reports that some sellers advanced prices ½c. per pound but leading suppliers were still able to cover the needs of their regular customers at unchanged prices. Communication with the producers in the Malaga district was still difficult because of the revolutionary war in Spain.

Toner Reds. — There has been no change in the position of these commodities. The ink trade is taking on regular quantities of para, lithol and toluidine toners as well as Lake red C.

Varnish Gums

By comparison with the few changes of recent weeks, last week's movements

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in natural gum prices were numerous. There were a few advances in the list, notably in A/D Batavia dammar, and DK and CNE gradings in the Manila copal group. Several price declines took place in the East India and Manila copal group.

Copals.—Car lot prices for gums that underwent price change last week are as follows:—Pale Rasak nubs, 10c., off 3/8c. per pound; pale Rasak chips, 4 3/8c., off 3/8c. per pound; black bold scraped East India, 6 7/8c., off 3/8c. per pound; unscraped, 4c., off 1/4c. per pound; nubs and chips, 4 1/4c., off 1/4c. per pound; Loba A, 10 3/4c., off 1 1/4c. per pound; B, 9 7/8c., off 7/8c. per pound; C, 9 3/8c., off 1/2c. per pound; MA, 6 3/4c., off 1/8c. per pound; MB, 6 1/4c., off 3/8c. per pound; WS, 8 3/8c., off 5/8c. per pound; DK, 7 1/8c., advanced 3/8c. per pound; CNE, 7 1/8c., advanced 3/8c. per pound. The aforementioned prices are for car lot amounts and are subject to usual differentials for smaller lots and for quantities less than ten packages.

Dammars.—The price of Batavia A/D grading was advanced 1/2c. per pound last week to the basis of 16 3/4c. per pound for car lot amounts, 17c. for less car lots and 17 1/4c. per pound for quantities of less than 10 packages.

Kauri.—June production figures were not available at this time but from advices received from Auckland, June exports totaled 211 tons, of which United States received 45 tons. Other June shipments were United Kingdom, 91 tons; Canada, 54 tons; Australia, 10 tons; France, 6 tons; and Japan, 5 tons.

Synthetic Resins

Effective September 1, ester gum prices will be offered on a new schedule which provides for car lot, 10-drum, and smaller lot prices. The schedule is as follows:—Car lots, 7 3/4c. per pound; 10-drum lots or over, 8c. per pound; and less than 10 pounds, 8 1/4c. per pound. The prices are basis delivered.

Former contract prices for quantities up to 75,000 pounds or over are discontinued albeit buyers may contract for quantities in excess of 36,000 pounds if they wish to commit themselves.

Naval Stores

Some slowing down of business in naval stores was noticeable last week in Southern and local markets. This development was not wholly unexpected, however, as prices had advanced rather sharply within a comparatively short space of time. In the opinion of some in the trade here the curtailment of purchasing operations seemed likely to prove only temporary in view of the prospective reduction in the output under the provisions of the government plans for extending cash payments to producers who cut down operations. It is contended that many producers will participate in this movement and that its effects will probably be seen in a considerable decrease in the marketing of turpentine and rosin in the not distant future.

There were reports last week of some increase in the export inquiry for turpentine though confirmation was lacking. The foreign call for rosin was fairly active, however, and while takings by large domestic consumers were not on so extended a scale as recently, the official records of transactions in the South made a not unfavorable showing for this period of the year when the requirements of consumers are usually much smaller than in recent weeks. The trend of prices was reactionary at times but the downward movement was not very wide in comparison with the extent of the advance during the past few weeks. Weather conditions were favorable for marketing and receipts continued liberal.

The French naval stores industry was inactive during the greater part of June owing to a number of industrial strikes, according to consular advices from Bordeaux. At the end of the month the fourth dip of gum was reported as progressing normally. Warm weather following rains caused favorable yields. While it is too early to estimate this year's crop of gum, trade reports indicate that the yield will approximate that of last year and be of average size. Official statistics of stocks which are now required by government orders have not been made available but will be announced upon completion of the fourth dip of gum. May exports of turpentine were 11,965 gallons, practically all of which went to French colonies and dependencies. Rosin exports amounted to 2,612 metric tons against 1,795 in May, 1935. Portuguese advices stated that production in June this year was adversely affected by weather conditions. Production in Mexico in June was conducted under favorable weather conditions and the output was increased by the establishment of new plants.

Turpentine. — The market here was quieter last week in company with developments in the South. The trend of primary quotations was downward at times and although this course was not unexpected after the recent rather sharp advance, the setback made buyers disposed to curtail purchases for a time. Business in the South as revealed in official records also showed a decrease. There were reports of an improvement in the export inquiry but they were without confirmation here. Marketing continued liberal as weather conditions were favorable for operations in the woods.

SAVANNAH, Aug. 14.—Turpentine quotations were irregular but the undertone of the market remained firm. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
Saturday...	39¼	132	817	14	34,856
Monday ...	38¾	124	423	130	35,159
Tuesday ...	38½	59	818	65	35,912
Wednesday..	39	137	426	42	36,296
Thursday ..	39½	104	463	210	36,549
Friday	39	71	558	710	36,397

JACKSONVILLE, Aug. 13.—The turpentine market had a reactionary trend at times. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
Friday	40	105	155	786	47,566
Saturday....	39	166	454	15	48,005
Monday ...	38½	215	477	600	47,882
Tuesday ...	38½	196	320	50	48,150
Wednesday..	38¾	92	257	...	48,416
Thursday ..	39¼	91	305	...	48,721

PENSACOLA, Aug. 8.—The turpentine market was quiet and steady. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	153	102	28,845
Tuesday	141	...	28,986
Wednesday	123	321	27,788
Thursday	155	...	28,943
Friday	121	...	29,064
Saturday	135	...	29,199

CHICAGO, Aug. 14.—The turpentine market is strong and making a good showing from a price standpoint. At this advanced level a fairly good amount of buying seems to be attracted. Offerings are not coming out very rapidly. Ruling prices at the close of business last night were:—Five-drum lots, 49c. per gallon; five wood barrels, 54c.; single drums, 52c.; single barrels, 57c.

LONDON, Aug. 14.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	41	6
Monday	41	0
Tuesday	40	6
Wednesday	40	6
Thursday	40	9
Friday	40	9

Stocks of American turpentine in London were:—

	August 14	Previous week.	Last year.
Barrels	8,951	10,042	5,712

Rosin.—Quieter conditions prevailed in the local market last week. All grades had a reactionary trend in primary centers, where demand was less urgent than recently and, although setbacks in prices were not very wide, the developments of the week made local buyers inclined to curtail purchases for a time and await further events. Receipts in primary centers continued liberal, but some were looking for a decrease in the movement in the not distant future as a result of the official plans to bring about curtailment of production.

SAVANNAH, Aug. 14.—The rosin market was fairly active with prices irregular. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$5.60	$5.60	$5.60	$5.60	$5.80	$5.60
D	6.20	5.75	5.75	5.75	5.90	5.90
E	6.20	5.95	5.75	5.75	6.00	6.00
F	6.20	6.05	6.05	6.07½	6.12½	6.05
G	6.20	6.05	6.05	6.07½	6.12½	6.05
H	6.25	6.05	6.05	6.07½	6.12½	6.05
I	6.25	6.05	6.05	6.07½	6.12½	6.05
K	6.25	6.05	6.05	6.07½	6.12½	6.05
M	6.25	6.05	6.10	6.10	6.15	6.05
N	6.30	6.15	6.10	6.10	6.20	6.10
WG	6.65	6.40	6.40	6.50	6.60	6.40
WW	7.15	7.00	7.00	7.10	7.20	7.10
X	7.15	7.00	7.00	7.10	7.20	7.10
	Barrels					
Sales	861	966	854	768	635	614
Receipts..	2,080	2,106	2,656	1,721	2,507	1,629
Shipments.	1,605	1,160	26	99	506	973
Stocks ..	73,627	74,573	77,204	78,825	80,826	81,482

PENSACOLA, Aug. 8.—The rosin market was steady. Receipts were liberal. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts..	516	468	340	372	306	543
Shipments	975	130	...	...	...	776
Stocks ..	33,055	33,393	33,733	34,105	34,411	34,178

CHICAGO, Aug. 14.—Although rosin prices in some cases have reacted a little from the extreme tops reached at the height of the bullish movement of the last few days, prices are still relatively

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high and the tone of the market apparently is still quite firm. Buying has been going forward rather steadily, and there is a good body of sentiment pointing toward the buying side of the market, with tone healthy. Ruling prices at the close of business last night were:—B grade, $8.10 per lot of 280 pounds; G grade, $8.55; M grade, $8.55; W. W. grade, $9.50.

JACKSONVILLE, Aug. 13.—Rosin quotations showed irregularity, changes on most grades being moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	Fri.	Sat.	Mon.	Tues.	Wed.	Thur.
B	$5.25	$5.25	$5.25	$5.25	$5.25	$5.50
D	5.25	5.25	5.25	5.25	5.25	5.50
E	5.00	5.75	5.65	5.65	5.75	5.75
F	6.15	6.05	5.95	6.00	6.05	6.05
G	6.15	6.05	6.00	6.00	6.05	6.05
H	6.15	6.05	6.00	6.00	6.05	6.05
I	6.15	6.05	6.00	6.00	6.05	6.05
K	6.15	6.05	6.00	6.00	6.05	6.05
M	6.15	6.07½	6.00	6.05	6.10	6.05
N	6.25	6.10	6.10	6.05	6.10	6.10
WG	6.50	6.40	6.40	6.35	6.40	6.25
WW	7.00	6.90	6.85	6.90	7.00	6.95
X	7.00	6.90	6.85	6.90	7.00	6.95
	Barrels					
Sales	522	...	474	244	844	...
Receipts	1,217	1,455	1,494	1,363	1,184	1,262
Shipments	1,317	...	2,617	807	45	15
Stocks	60,377	61,842	60,719	61,268	62,407	63,644

LONDON, Aug. 14. — Quotations on American rosin were as follows:—

	Per cwt. in barrels			
	Common. Per cwt.		W.W. Per cwt.	
	s.	d.	s.	d.
Saturday	15	9	17	3
Monday	15	9	17	3
Tuesday	15	9	17	9
Wednesday	15	9	17	9
Thursday	15	9	17	9
Friday	15	9	17	9

Pine Oil.—The market retained a firm tone. Business lacked snap, but there was a fair demand in a jobbing way, and, according to reports, the movement into consuming channels has recently expanded to some extent.

Pitch.—Quotations were generally held at the levels prevailing in the previous week with the tone of the market firm. The movement on contracts apparently continued steady and new business was on a fair scale.

Rosin Oil.—The market here was firm at the recent advance in prices. There was some increase in the demand from local and other buyers, though consumers did not show much disposition to anticipate to any material extent.

Thus.—Only limited supplies appeared to be available and quotations were 50c. higher with the figures nominal.

Shellac

Quiet trading continued to feature the market for shellac during the past week. Buyers failed to place much new business with the local merchants, and hence activity was, in the main, confined to supplying deliveries against existing contracts. Tenders were being taken up with a fair degree of promptness. The market was considerably more steady than it had been recently. The failure of Calcutta and London prices to decline regardless of the not active demand for shipment parcels for the United States was counted a sure indication of the basic firmness of shellac in those two markets. It was pointed out that much of the very steady character of primary and secondary market prices might be due to the substantial purchases made in recent months by the U.S.S.R.

London, Aug. 14.—London quotations, basis of sterling exchange at $4.88, for shellac for later delivery have been as follows (the quotations in United States currency represent prices here and include other handling charges):—

	August 14		August 7	
	Shillings. Cwt.	Cents. lb.	Shillings. Cwt.	Cents. lb.
October	54½	11.8	55	11.9
December	55	11.9	55½	12

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight		
	August.	Oct.	Dec.
Aug. 7	55s.	55s. 6d.	....
*Aug. 8	....	....	....
Aug. 10	54s. 6d.	55s.	....
Aug. 11	....	54s. 6d.	55s.
Aug. 12	....	54s. 6d.	55s.
Aug. 13	....	54s. 6d.	55s.
Aug. 14	....	54s. 6d.	55s.

* No cables received here.

Calcutta, Aug. 14.—Prices quoted on U.S.S.A. T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound	
	Aug. 14.	Aug. 7.
August	11⅝c	11⅝c

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices and reports on market conditions were as follows:—

	Per pound.	Market
August 7	11⅝c	Steady
*August 8	....	.....
August 10	11⅝c	Steady
August 11	11⅝c	Steady
August 12	11⅝c	Steady
August 13	11⅝c	Steady
August 14	11⅝c	Steady

* No cables received here.

Lacquer Materials

The market for the lacquer materials continued quiet during the week just ended, with the prices unchanged in all quarters. The shutdown of certain plants in the automobile industry, for the purpose of changing over to the new models, was a factor slowing down demand in this market, for consumers apparently were gauging shipments by actual production requirements. However, some improvement was looked for shortly after the turn of the next month, for automobile manufacturers will be getting in production on the 1937 models, for it will be recollected that the annual showing of cars has been changed from the January date to early November. Ethyl acetate was steady. Acetone was quiet, with a steady tone in evidence, and sellers were naming the quotations established recently.

(Continued on page 44)

The GENERAL MANAGER wouldn't listen—

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Oils, Fats and Waxes

Cottonseed Oil Consumption Larger Than Expected and Prices Rise —Flaxseed Crop Estimate Cut Sharply—Tallow and Grease Recover—Hogs and Lard Strong—Chinawood Oil Off

Quotations on miscellaneous vegetable, animal, and fish oils, fats and greases had an upward trend last week. Business in some domestic and imported products was rather more active and prevailing sentiment in trade circles here regarding the outlook for business and prices was rather more optimistic. Although offerings of many foreign commodities have been heavy during recent weeks owing to the increased taxes and duties which become effective late this week, offerings in the open market were generally small. A development of interest was the publication of the monthly Census Bureau cottonseed statistics. These showed a considerably larger consumption of refined oil in July than had been expected, the takings being 298,566 barrels, or about 67,000 barrels more than in the previous month and 62,000 more than in July last season. Another event of importance was the appearance of the August flaxseed crop estimate, the indicated production being 3,100,000 bushels smaller than a month earlier and about 8,000,000 bushels smaller than the quantity harvested last season.

Among the vegetable products, chinawood oil weakened owing to a decline abroad where the market was apparently influenced by the absence of any demand of importance from buyers in this and other importing countries. Purchasing here and on the Coast was apparently limited to small quantities. Crude coconut oil was firmer owing to a stronger situation in the primary centers for that product and copra with producers here apparently not inclined to seek much new business in oil at prevailing market prices. Menhaden and sardine oils were advanced slightly by refiners. Tallow was stronger, sales being reported at an advance, and greases were also higher. Live hogs were firm in western markets and lard futures at Chicago, after displaying irregularity early in the week, moved upward later with speculative sentiment influenced by the serious Western weather and crop conditions.

Factory production of fats and oils, exclusive of refined oils and derivatives, during the three-month period ended June 30, according to the Bureau of the Census, was as follows:—Vegetable oils, 400,554,502 pounds; fish oils, 12,006,194 pounds; animal fats, 396,856,722 pounds; and greases 75,207,589 pounds—a total of 884,625,007 pounds. According to consular advices by radio from Shanghai the indications point to increased production this season of oilseeds and oils in Northern China and Manchuria as compared with the past season, including soybean, sesame, peanut, cotton, rape, hemp, perilla and linseed. The Manchurian government, it is said, has undertaken to increase production of perilla seed during the next five years to a total average annual crop of 600,000 tons, as compared with the present average production of 100,000 tons.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Babassu oil, ⅛c. per lb.
Carnauba wax, No. 1 yellow, 1c. per lb.
No. 2 yellow, ½c. per lb.
No. 2 North Country, 1c. per lb.
No. 3 North Country, ½c. per lb.
No. 3 chalky, ½c. per lb.
Coconut oil, crude, ¼c. per lb.
Cod oil, 1c. to 2c. per gal.
Copra, 1-20c. per lb.
Corn oil, ¼c. per lb.
Cottonseed oil, crude, ⅛c. per lb.
Degras, English, crude, ¼c. per lb.
Grease, ⅛c. to ¼c. per lb.
Hempseed oil, ¼c. per lb.
Lard, Western, 10c. per 100 lbs.
Menhaden oil, refined, 1-10c. per lb.
Olive oil, denatured, 10c. per gal.
Perilla oil, drums, ⅛c. per lb.
Rapeseed oil, denatured, 2c. per gal.
Sardine oil, crude, 2c. per gal.
Sardine oil, refined, 1-10c. per lb.
Sesame oil, ⅛c. per lb.
Tallow, ¼c. per lb.
Teaseed oil, ⅛c. to 1c. per lb.

Reduced

Chinawood oil, ¾c. per lb.
Oiticica oil, ½c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
134.2	131.4	124.1	126.2

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Vegetable Oils

Babassu.—The market was firmer at 7⅜c. per pound in tanks, with this figure nominal. Consumption in the manufacture of margarin in June was 1,181,683 pounds, according to statistics from an authoritative source. Factory production in the United States during the quarter ended with June was 8,516,170 pounds; consumption, 12,570,617 pounds; factory and warehouse stocks, June 30, 3,379,537 pounds.

Chinawood.—A weak tone prevailed much of the time in domestic markets last week as the trend abroad was mainly downward while buying interest here was generally light though inquiries were not entirely lacking. Some business was reported to have been closed on the Coast at about ¾c. below the quotations prevailing at the close of the previous week and prices here were also down about that much at one time. Late in the week a steadier tone developed abroad but business here continued slow. Various reports were current concerning the weakness in China, the depression generally being attributed to the temporary withdrawal from the market of foreign buyers and increased offerings from shippers and other sellers, some of the pressure covering, it was stated from speculative interests as a result of the falling off in demand.

Importations during the June quarter were 41,193,757 pounds; exports, 1,785,480 pounds; consumption, 28,143,560 pounds; factory and warehouse stocks, June 30, 38,533,551 pounds. According to cable advices from Hankow to the Chemical Division of Bureau of Foreign and Domestic Commerce at Washington, exports of chinawood oil from Hankow during July amounted to 3,886 short tons compared with 6,101 in June and 7,459 in July last year. Of the total shipped last month only 2,216 tons went directly to the United States and 1,670 tons to Europe, comparing with 5,918 short tons to the United States and 1,541 to Europe in July last year. Since the beginning of December when the current crop began reaching the Hankow market in quantity shipments of oil from that port have aggregated 60,212 short tons. This compares with a total of 69,572 short tons during the whole of 1935 and an annual average of 59,000 tons during the past ten years. The closing price in July this year of 70 Chinese legal dollars per picul of 133 1-3 pounds represented a decline of $4½ during the period from October last. Stocks at Hankow at the close of July were 2,560 short tons against 2,300 tons at the end of June and 280 tons at the close of July last year.

Coconut.—The market for crude oil was firmer, influenced by a stronger primary situation and some improvement in demand in domestic centers. Prices were advanced ¼c. per pound and late in the week sellers were apparently not inclined to offer very freely in view of the strength of competing product. Copra was slightly higher with offerings light. The London market for copra showed irregularity at one time but a firm tone prevailed in the primary center. Refined oil was in fair demand here at unchanged quotations.

Factory production of crude coconut oil in this country during the June quarter, 72,048,571 pounds; consumption, 140,349,913 pounds; factory and warehouse stocks, June 30, 129,894,151 pounds; refined production, 83,628,711 pounds; consumption, 84,903,729 pounds; stocks, 16,073,773 pounds. Importations for June quarter, 87,728,818 pounds; exports of imported oil, 754,821 pounds; exports, domestic crude, 5,897,767 pounds; refined, 1,548,947 pounds. Consumption of copra in domestic manufacture of coconut oil for quarter, 56,449 tons; stocks on hand, June 30, 16,896 tons.

Corn. — The market was firm with prices about ¼c. per pound higher, the figures apparently being nominal. There were reports of an increase in the inquiry but business was restricted by the smallness of supplies and offerings. The August government report put the indicated corn crop at 1,439,000,000 bushels against 2,244,000,000 bushels in July and a production last year of 2,291,000,000 bushels. Factory production of crude oil for June quarter 28,413,554 pounds; consumption 41,430,581 pounds; factory and warehouse stocks June 30,

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11,419,540 pounds; refined production 36,874,710 pounds; consumption 8,896,674 pounds; stocks June 30, 23,165,902 pounds. Edible corn oil imports for quarter 8,120,871 pounds. Exports domestic oil for quarter 332,345 pounds.

Cottonseed.—Edible oil was firm but no further changes were made in prices by refiners. There was a fair demand. Offerings of imported oil were light and the market was firm though quiet.

Hempseed.—The market had a firmer tone, quotations being ¼c. per pound higher. Offerings were reported as light here and on the coast. Factory production during the June quarter 4,847,726 pounds; consumption 3,665,968 pounds; factory and warehouse stocks June 30, 7,518,704 pounds.

Olive. — With supplies of denatured scarce and offerings for shipments lacking the market was quiet and nominally higher. Factory production of edible olive oil during the June quarter 371,741 pounds; consumption 664,712 pounds; factory and warehouse stocks June 30, 4,390,560 pounds. Consumption of inedible oil during the June quarter 2,539,738 pounds; factory and warehouse stocks June 30, 2,837,991 pounds. Olive oil foots consumption for June quarter 5,327,519 pounds; factory and warehouse stocks June 30, 10,077,823 pounds. Importations of edible olive oil for consumption in June quarter 18,162,990 pounds; inedible oil 2,807,497 pounds; foots 2,064,419 pounds.

Peanut.—Crude was reported as quiet and firm in primary markets with offerings light and quotations nominal. Factory production of virgin and crude during June quarter 12,216,839 pounds; consumption 19,354,458 pounds; factory and warehouse stocks June 30, 23,607,708 pounds. Refined production 18,000,811 pounds; consumption 23,800,805 pounds; factory and warehouse stocks June 30, 19,074,301 pounds. Importations of edible peanut oil for consumption in June quarter 26,000,153 pounds.

Perilla.—The market was firm. Spot supplies appeared to have diminished and offerings for shipment were light. There was an increase in demand and sales were reported to have been made in some quarters at an advance of ⅛c. to ¼c. per pound. Consumption in the June quarter was 22,811,235 pounds; factory and warehouse stocks June 30, 33,670,070 pounds. Importations for consumption during June quarter 50,474,879 pounds.

Rapeseed.—With spot stocks diminishing and with the market abroad firmer, the tone here was stronger. Demand was more active and sales were reported at 65c. per gallon with higher prices quoted in some circles. Consumption in June quarter 14,468,363 pounds; factory and warehouse stocks June 30, 17,977,997 pounds. Importations of rapeseed oil for consumption during June quarter 8,762,348 pounds; seed imports 1,480 tons.

Sesame.—The market was firmer, quotations being about ¼c. per pound higher with the figures mainly nominal as supplies are reported to be light. Factory production during June quarter 18,015,901 pounds; consumption 17,905,913 pounds; factory and warehouse stocks June 30, 23,912,805 pounds. Seed imports in June quarter 5,851 tons.

Soybean.—The market had a steady tone although trade was rather quiet. The August government report put the condition of the soybean crop in this country at 59.5 percent, or 21.9 points lower than the ten-year average for August and the lowest for any year of which there are records for soybean condition. The lowest previous August 1 condition was 61.7 percent in 1933. Although the August condition this year was 6 points under that of 1934, recovery during the remainder of the growing season is possible in sections where rains occur after August 1.

Factory production of crude soybean oil in this country during the June quarter was 56,911,243 pounds; consumption 46,590,468 pounds; factory and warehouse stocks June 30, 33,219,728 pounds. Refined oil production 41,815,664 pounds; consumption 34,412,147 pounds; factory and warehouse stocks June 30, 23,165,902 pounds. Exports of domestic oil in June quarter were 1,084,071 pounds. Importations for consumption 4,789,538 pounds.

Teaseed.—Spot supplies are small and the market was stronger. Business was reported to have been closed at 12c. per pound and higher prices were named in some quarters. Importations in June quarter 1,618,708 pounds.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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Markets at Other Centers

San Francisco, Aug. 10.—What was said to have been stock liquidations by speculators in the Orient forced a sharp drop in chinawood oil here last week, while the market in the balance of the list of vegetable oil products held firm or advanced. Coconut oil registered a gain, being backed up by a rise in copra. Trading as a rule was held to a good volume, sufficient interest being manifested in most materials to keep the market in active condition. Hempseed, one of the oils on which the new duty goes into effect in a few days, was a scarce market item.

Ruling prices are:—

BABASSU.—Quoted at 7⅛c. per pound in tankcars, f.o.b. mill, Pacific Coast.

COCONUT.—Crude oil is quoted at from 4 5/16c. to 4⅜c. per pound in tankcars, f.o.b. Pacific Coast mills or dock, August-October shipment. Futures nominal.

COPRA.—Irregular and spotty throughout the early part of the week, prices of copra firmed and the volume of sales increased slightly towards the end of the period, when buyers' and sellers' ideas coincided in business at higher levels. Primary markets are declared very firm today as reported takings of European crushers assumed good proportions. Arrivals here are better. Quoted at 2.725c. to 2.75c. per pound, c.i.f. Pacific Coast ports. Meal is quoted at $33 per ton for domestic, ex mill. Philippine meal quoted at $31.25, ex dock, San Francisco.

CHINAWOOD.—Easier at 15¾c. per pound in tankcars, f.o.b. Pacific Coast mills, August-October shipment from the Pacific Coast.

KAPOKSEED.—Foreign crude oil is quoted at 8¼c. per pound in tankcars, f.o.b. Pacific Coast ports. Bleachable grade, 9c.

COTTONSEED.—Semi-refined foreign oil is quoted at 9¾c. per pound, duty paid in tankcars, f.o.b. Pacific Coast, August-October shipment.

PERILLA.—Japanese oil is quoted at 9¼c. per pound in tankcars, prompt to October-November shipment from the Pacific Coast out of storage.

HEMPSEED.—Crude oil is quoted at 8c. per pound in tankcars, f.o.b. mill, Pacific Coast, with drum lots at 8¾c., prompt shipment. Refined oil quoted at 9c. per pound in tankcars, with drum lots at 9¾c., ex warehouse.

TEASEED.—Nominally quoted at 9c. per pound in drums, c.i.f. Pacific Coast ports, for shipment from the Orient.

SESAME.—Crude oil is quoted at 9¼c. per pound in tankcars, f.o.b. mill, prompt shipment, Pacific Coast.

Chicago, Aug. 14.—For the most part the vegetable market is rather quiet. Offerings of coconut material have been moderate, with takings routine. Corn oil is moving somewhat in the direction of strength. Chinawood oil is exhibiting easier tendencies, especially on deferred deliveries. Soybean and peanut oil business is fair.

COCONUT.—Crude oil, 4¼c. to 4½c. per pound, tankcar, Pacific Coast. Refined, edible oil, 9¾c. to 10¼c. per pound, barrels, car lots; and 10¼c. to 10½c., barrels, less than car lots.

CORN.—Crude, low acid, 9⅜c. to 9½c. per pound, partly nominal, tanks, mills. Refined, edible oil, 11½c. to 12c. per pound, barrels, car lots; and 12c. to 12¼c., barrels, less than car lots.

CHINAWOOD.—Ruling spot, drums, 19c. to 19½c. per pound; futures shipment, 16¼c. to 16½c.

SOYBEAN.—Crude, prompt shipment, 7⅞c. to 8c. per pound, mills; and 9⅜c. to 9½c., Chicago.

PEANUT.—Crude, 9c. to 9⅛c. per pound.

Chicago, Aug. 14.—Price range for soybeans for the week ended August 12:—No. 2, yellow, high, $1.40; low, $1.36.

London, Aug. 8.—Soybean oil, British crude, 31s. 6d. per hundredweight; palm kernel oil, refined, 31s. 3d. per hundredweight; rapeseed oil, crude extracted, 34s. 6d. per hundredweight; coconut oil, Ceylon, 25s. 6d. per hundredweight; peanut, Indian, crude, 31s. 9d. per hundredweight.

Linseed Oil

Domestic and foreign markets for flaxseed were irregular, the tone being easier early in the week and steadier later on. Linseed oil was quiet and steady. Cake and meal unchanged.

Flaxseed—DULUTH, Aug. 14.—The August government report estimating the 1936 domestic flaxseed crop at 6,342,000 bushels was about in line with trade expectations, and caused no undue market excitement. While the figure was down sharply from last year's yield of 14,123,000 bushels, and the five year (1928-32) average yield of 15,996,000, trade observers said the summer's sharp advance, and particularly the upturn which took place last week, had discounted the report. The short crop will mean a sharply reduced marketing volume in the 1936-37 season. Marketings in the last season were 13,305,000 bushels, against 5,190,000 one year before, and 6,030,000 two years before. Limited receipts have restricted cash business in the local market.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$2.15	$2.15	$2.14
Monday	2.12	2.12½	2.11½
Tuesday	2.13½	2.13½	2.11
Wednesday	2.13	2.13	2.10
Thursday	2.13	2.13	2.10
Friday	2.10	2.10	2.09

Crop movement in bushels follows:—

	Receipts		Shipments	
	1936.	1935.	1936.	1935.
This week	53,004	1,726	....	1,716
Since Aug. 1	116,512	2,598	549	4,271

MINNEAPOLIS, Aug. 17.—There has been a rapid inflow of new crop flaxseed during the past week but the pressure was not too great for the demand to care for. Local crushers were good buyers and there was a ready demand for diversion point offers. Buyers showed a strong preference for old crop flax and paid firm comparative values for the offers. New crop seed was not of the best quality but in better demand than during the preceding week. Oil tests were none too good but slightly improved over expectations so the crushers picked up the arrivals very readily.

The bulk of the run was absorbed here but Duluth buyers continued to show strong interest in offers that originated in southern Minnesota on which they had to pay the regular freight rate to the head of the lakes. This demand has been puzzling the local buyers for some time past. Just how the eastern crushers can use this flax and break even with Argentine seed value is what is bothering the local trade.

At the current rate of marketing it will not take long to dispose of the marketable surplus. The harvest area is spreading northward rapidly on account of the hot and dry weather and offers from North Dakota are expected to develop most any time. So far there has been no pressure of importance except from Minnesota territory. A car of mixed old and new came in from North Dakota and a few cars of new South Dakota strayed in. This South Dakota quality is poorer than southern Minnesota quality. Several cars of old crop Montana arrived and sold readily at diversion points.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$2.17½	$2.10¼	$2.10
Monday	2.16½	2.09⅛	2.08⅝
Tuesday	2.16	2.09	2.08¼
Wednesday	2.16	2.09	2.08
Thursday	2.17¼	2.10¼	2.09¼
Friday	2.15	2.08	2.07¼

Crop movement in bushels as follows:—

	Receipts		Shipments	
	1936.	1935.	1936.	1935.
This week	502,600	63,030	110,840	1,640
Since Sept. 1	9,154,050	5,143,836	1,813,130	1,108,180

WINNIPEG, Aug. 14.—Changes in flaxseed quotations were frequent. Business in linseed oil was reported as quiet. The week's closing range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.84	$1.84	$1.81
Monday	1.80	1.80	1.77
Tuesday	1.78½	1.78½	1.75½
Wednesday	1.82½	1.82½	1.79½
Thursday	1.83¾	1.83¾	1.81
Friday	1.82	1.82	1.78

BUENOS AIRES, Aug. 14.—Opening prices per bushel on August contracts were:—

	Last week.	Last year.
Saturday	$1.38½	$1.01½
Monday	1.38½	1.01⅝
Tuesday	1.36⅛	1.01⅝
Wednesday	1.33¾	1.01⅞
Thursday	1.36½	1.02⅛
Friday	1.36½	1.02⅝

Exports

To—	Bushels Last week.	Previous week.	Last year.
United States	382,000	480,000	.....
United Kingdom	.....	.....	.....
Continent	386,000	480,000	299,000
Orders	339,000	130,000	47,000
Others	350,000	154,000	8,000
Totals	1,457,000	1,244,000	354,000

Since January 1

To—	Bushels This year.	Last year.
United States	7,581,000	10,658,000
United Kingdom	307,000	822,000
Continent	19,188,000	21,672,000
Orders	8,927,000	14,147,000
Others	2,061,000	2,058,000
Totals	38,014,000	49,057,000

Visible Supply

	Bushels.
Last week	6,299,000
Previous week	6,693,000
Last year	5,118,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Previous week.	Last year.
United Kingdom	140,000	304,000	.....
Continent	.....	36,000	8,000
Others	.....	16,000	36,000
Totals	140,000	356,000	44,000

Since April 1—	Bushels This year.	Last year.
United Kingdom	4,376,000	1,464,000
Continent	724,000	284,000
Others	60,000	76,000
Totals	5,160,000	1,824,000

HULL, Aug. 14.—Quotations on flaxseed were:—

	Per ton— La Plata.	Calcutta.
Saturday	£12⅝	£13½
Monday	12⅝	13⅝
Tuesday	12⅝	13⅞
Wednesday	12⅝	13⅝
Thursday	12½	16
Friday	12¾	16

Linseed Oil.—With local business in oil quiet, interest centered mainly in the August government report on the condition of the domestic flaxseed crop. This statement was issued early in the week and as had been quite generally expected proved to be distinctly bullish. The indicated yield as of August 1 was only 6,342,000 bushels, showing a decrease within a month of 3,126,000 bushels, or 33 percent. The quantity harvested last year was 14,123,000 bushels.

According to the government continued dry weather in Minnesota, Montana and the Dakotas caused further abandonment of the acreage as well as in the prospective yields on the remaining acreage. The late planted flaxseed, of which there was a large percentage in the main flaxseed areas, has been completely destroyed, it was stated in the Dakotas and portions of Minnesota and Montana.

A steady tone prevailed in the market here for oil, quotations generally remaining where they stood at the close of the previous week. So far as new business was concerned, few transactions were reported, although inquiries were not entirely lacking. A steady movement into consuming channels was reported on contracts, however, and advices from some outside points also noted steady withdrawals on unfilled orders. With production curtailed, stocks in the hands of crushers were said to be very small.

Weather and crop accounts from the Northwest during the week were still generally unfavorable, temperatures being high and rainfall lacking. The monthly government report stated that any rains in August can be of little benefit to flaxseed. Accounts from private sources in regard to the quality of the seed harvested in some sections were more favorable, the oil content being higher than recently reported.

Arrivals of seed at terminal points in the Northwest showed a further increase. With prices much higher than a year ago, farmers were apparently disposed to market freely despite the crop shortage. Demand for cash seed continued good with crushers the principal buyers.

Receipts of flaxseed at New York last week were 40,121 bushels. Shipments from Argentina were 1,457,000 bushels, of which 382,000 bushels were exported to this country and 299,000 bushels to Canada. According to statistics issued from Washington last week factory production of linseed oil during the quarter ended with June was 100,118,519 pounds; consumption, 84,129,488 pounds; factory and warehouse stocks June 30, 140,665,623 pounds. Importations of linseed oil for consumption during the June quarter were 461,820 pounds; exports of domestic oil 155,415 pounds.

MINNEAPOLIS, Aug. 14.—Demand for linseed oil is not very keen or very broad but the crushers manage to do some business right along, mostly in small lots for nearby shipment. Late last week there was a moderate spurt of trade inspired by Argentine flax market strength but the business did not last very long. A few tankcar lots were disposed of and quite a few cooperage car lots were taken for shipment up to the turn of the year.

Shipping instructions still are good and the out movement is liberal compared with year ago figures. Inasmuch as there is but 15 to 20 percent of capacity in operation stocks on hand are very light and are drying up rapidly. One crusher will start up next week because of the absorption of surplus supplies. Crushers will be pressing new crop seed rather freely next week.

Quotations on carload lots f.o.b. Minneapolis, cooperage car lots, 10.5c. per pound, tankcar lots 10.1c. per pound, warehouse lots 11.1c. per pound.

Shipments of oil in pounds were as follows:—

	1936.	1935.
This week	1,377,980	1,363,275
Since Sept. 1	107,746,178	55,671,637

CHICAGO, Aug. 14.—Purchases of linseed oil are in moderate volume. There is, however, no particular snap in the current market dealings, and the tone is about steady. Most orders are based on the early requirements of the purchasers, and few want to extend themselves to take in material for their needs very far ahead. Representative sellers at this time continue to offer fairly liberal lots of material. Ruling prices are:—Tankcar, 10.1c. per pound; drums, car lots, 10.8c.; warehouse deliveries, 11.1c.

SAN FRANCISCO, Aug. 10.—Paint manufacturers and other users continued to withdraw oil against their contracts in an active manner, but new sales last week did not come up to the brisk period of business which developed during the previous fortnight. Quoted:—Tankcars, 10.7c. per pound; drum car lots ex-mill, 11.3c.; drum lots ex-warehouse, 11.7c. Meal is quoted at $35 per ton.

LONDON, Aug. 14.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	26	10½
Monday	26	10½
Tuesday	26	9
Wednesday	26	6
Thursday	26	7½
Friday	26	7¾

Cake and Meal.—A firm tone prevailed here but no further advances occurred in prices as the tendency of seed was reactionary at times. Supplies on spot continued small and there was no increase in offerings for future delivery. The movement of meal was steady and there was a fairly active export inquiry for cake.

MINNEAPOLIS, Aug. 14.—Demand for meal is moderate and offers are very light. Virtually all of the crushers are closed down and have little of their previous reserve left to sell. They are away behind in filling their maturing orders. Re-sellers have not figured in the market much of late. Most of them have disposed of their holdings and are waiting for firmer bids. There is some demand for deferred meal but the crushers are not very willing to sell of late than August shipment. A few sales have been made for September shipment at $1.00 discount under August shipment.

Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, 30 percent protein test, $43.00 to $43.50 per ton; 37 percent protein test $46.00 to $47.00 per ton.

Shipments of meal in pounds were as follows:—

	1936.	1935.
This week	3,704,732	3,099,491
Since Sept. 1	219,750,945	84,385,328

CHICAGO, Aug. 14.—It is not so much a matter of large and extensive buying that is making linseed meal prices high and the market strong, as it is limited supplies. Few sellers are offering more than the smallest quantities of material in response to inquiries. The feeders are anxious to take care of their prospective requirements and accordingly the general tone of the market is strong. Resellers are moderate market factors. Round lot business is slack. Ruling prices are:—Round lots, $41.50 per ton, largely nominal; car lots, $41.50 to $42; less than car lots, $43.50 to $44.

Cottonseed Oil

Southern and local markets were generally firm. Offerings of crude oil and other products continued light. Weather and crop accounts somewhat less favorable.

Cottonseed Oil.—The chief event of the week was the publication of the monthly cottonseed report from the Census Bureau. This was received on Wednesday. It proved to be bullish as the indicated consumption of refined oil for July, 298,566 barrels, was considerably larger than the generality of the trade had expected. The figures caused buying for both short and long account and prices on the more active months rose about a dozen points. The July consumption figures compared with 231,966 barrels in June and 236,477 barrels in July last year. The indicated consumption for the season was 3,044,532 barrels as compared with 3,198,040 barrels in the previous season.

The visible supply showed a decrease in the shape of seed and oil during July of equal to 276,600 barrels of refined oil. This compared with a decrease of 212,000 barrels in July last year. The total visible at the close of the season was 852,600 barrels against 1,239,500 barrels at the end of the previous season and 1,876,900 barrels two years ago. Receipts of seed at the mills for 12 months ended with July were 3,742,122 tons against 3,418,135 tons in the previous season; crushed 3,813,935 tons against 3,549,891 tons. Production of crude oil for the past season was 1,163,055,575 pounds against 1,108,582,294 pounds in the previous season; refined oil 1,091,995,785 pounds against 1,067,245,843 pounds. Stocks of seed at the mills at the end of the past season were 17,762 tons against 89,575 tons in the previous season; crude oil 18,707,199 pounds against 28,262,543 pounds; refined oil 319,014,573 pounds against 444,833,215 pounds.

The cottonseed report seemed to offset the effect of an earlier report on the cotton crop from the Agricultural Department. This pointed to a larger production of cotton than had been expected, the indicated yield as of August 1 being 12,481,000 bales. This compared with a production of 10,638,000 bales in the previous season and 9,636,000 bales two years ago. In the cotton market the publication of this statement was followed by a drop in prices of about 30 points, which was reflected in more or less selling of cottonseed oil and a moderate decline in oil prices. Later on the cotton market recovered, however, as crop accounts during the week were less favorable while the developments in grain also had some effect upon sentiment. The strength of various oils and fats also excited more or less comment in cottonseed oil circles.

Hogs and lard displayed noteworthy strength at times in company with grain. Tallow and greases were more active and firmer with sales reported at higher prices. Copra and coconut oil were also stronger abroad and here. Foreign markets for cottonseed oil appeared to be firm with offerings here reported as light. Cotton crop news from parts of the South was less favorable, mainly because of insufficient moisture. Rain was said to be badly needed in the region west of the Mississippi River, where high temperatures were reported as damaging. The crop was still described as late and in this connection it was noted that the quantity of cotton ginned up to August 1 was only 41,130 bales as compared with about 95,000 bales in the previous season and 100,000 two years ago. Oil mills in some parts of the South, it is stated, are not expected to commence crushing until the middle of next month.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from August 8 to August 14, inclusive:—

	Cents per lb. in tanks— High.	Low.	Close.	Sales. Tanks.
August	...	...	10.20 nom.	..
September	10.30	9.93	10.23 sale	155
October	10.29	9.90	10.15@10.17	125
November	...	...	10.15 nom.	..
December	10.20	9.78	10.11 sale	262
January	10.18	9.83	10.11@10.14	39
February	...	...	10.12 nom.	..
March	10.23	9.87	10.12@10.13	108
Total sales (250 switches)				939

Crude, Southeast, 8.75c. to 9.00c.
Valley, 8.75c. to 9.00c.
Texas, 8.62½c. to 8.75c.

Chicago, Aug. 14.—A rather dull market prevails in cottonseed oil, with some reactinary tendencies apparently predominating lately. Good, off-Summer, yellow fig oil is 10c. Refined, edible oil is quoted at 10¾c. to 11c. per pound, barrels, car lots; and 10¼c. to 10½c., barrels, less than car lots.

Hull, Aug. 14.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	32	6	30	0
Monday	32	6	30	0
Tuesday	32	6	30	0
Wednesday	32	6	30	0
Thursday	32	6	30	0
Friday	32	6	30	0

Cake and Meal.—A firm tone continued to prevail in Southern markets last week. Reports concerning consumption continued bullish and competing products again had an upward trend at times. According to official statistics production during the season ended with July was 1,737,950 tons against 1,614,345 tons in the previous season. Stocks at the mills at the close of July, 68,905 tons, against 198,367 tons in the previous season.

Markets at Other Centers

Atlanta, Aug. 12.—Cottonseed products continue firm. Announcement of crop conditions has not changed price conditions at the moment. Some ginning is in progress in the lower cotton belt, where yields are fair to good and where the drouth has not been as bad as further north. Due to the poor condition of the upper belt of the Southeast, ginners are planning to run only two days a week.

Very heavy rains are now being experienced in the Southeast and conditions have become more favorable to the boll weevil.

Quotations of this market are as follows:—

OIL.—Prime crude, 8¾c. per pound.

MEAL.—7 percent grade, $31.50 per ton, interior mills.

HULLS.—$15 per ton, loose.

Memphis, Aug. 14.—Stocks of old crop crude cottonseed oil are apparently exhausted. Mills in this section are not offering new crop as yet. Nominal quotations today are 8¾c. to 9c. per pound, asked. Cottonseed meal continues firm, with 41 percent quoted at $34 per ton, Memphis basis, immediate shipment, and $33 for September-October shipment. Cotton crop in this section continues to make fair progress although the plant is rather heavily foliaged. The government crop estimates for Arkansas and Mississippi are considered somewhat too high and are not expected to be fully realized. First bales of new crop in this section are coming in earlier than expected. Picking will get under way here by the end of the current month with the oil mills in the Memphis territory probably operating by the middle of September.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	August 6.	August 13.
September	$32.00@32.50	$32.10@32.25
October	31.65@32.00	31.85@32.10
December	31.75@—	32.00@—
January	31.65@32.00	31.85@32.15
March	—@—	32.00@32.50

Animal Oils

Degras.—The market continued to be characterized by a firm tone. Domestic production has been below normal for some time past, it is stated, and seems likely to remain so for a considerable period with the output sold well ahead. Stocks of imported on spot are also reported as moderate. There was a fairly active demand. Factory production in this country during the quarter ended with June was 1,202,321 pounds; consumption, 1,452,750 pounds; factory and warehouse stocks at the close of June, 2,392,320 pounds. Importations for consumption during the quarter were 1,362,493 pounds.

Lard.—Quotations were unchanged with the tone of the market firm. There was a fairly active demand. Factory production during the quarter ended with June was 8,188,793 pounds; consumption, 4,022,385 pounds; factory and warehouse stocks, June 30, 4,144,278 pounds.

Neatsfoot.—Selling schedules were maintained at previous levels with the tone of the market firm. Demand from local and other buyers was fair. Factory production for the quarter ended with June was 1,411,350 pounds; consumption, 1,235,320 pounds; factory and warehouse stocks, June 30, 1,682,161 pounds.

Oleo.—Demand showed some improvement though customers were not inclined to anticipate. The market remained steady. Factory production in the quarter ended with June, 25,828,264 pounds; consumption, 4,696,577 pounds; factory and warehouse stocks, June 30,

(Continued on Page 43)

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

DARLING'S
STEARIC ACID RED OIL PEARL STEARIC
PITCH WHITE OLEINE GLYCERINE
DARLING & COMPANY
Manufacturers 4201 S. ASHLAND AVE., CHICAGO, ILL. Stocks in Principal Cities

ACETANILID U.S.P.

ACETPHENETIDIN U.S.P.
(PHENACETIN)

AMMONIUM BENZOATE U.S.P.

ASPIR GRAN

ASPIRIN
(Acetyl Salicylic Acid U.S.P.)

ASPIRIN STARCH GRANULATIONS
10%, 16% and 20%.
Also pink and green 10%.

BENZOIC ACID U.S.P.

CAFFEINE U.S.P.

CHLORAL HYDRATE U.S.P.

CHLORAMINE U.S.P.

GLYCEROPHOSPHATES

METHYL SALICYLATE U.S.P.

PHENOL U.S.P.
(CARBOLIC ACID)

PHENOLPHTHALEIN U.S.P.

PHOSPHATES

SACCHARIN MONSANTO U.S.P.

SALICYLIC ACID U.S.P.

SODIUM SALICYLATE U.S.P.

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St. Louis, U.S.A.

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Tribune Tower CHICAGO
Everett Station BOSTON
Brown Marx Bldg. BIRMINGHAM
Johnston Building CHARLOTTE
Midland Building CLEVELAND
373 Brannan Street SAN FRANCISCO
378 St. Paul St., West MONTREAL

Drugs, Fine Chemicals

Menthol Advanced, Spot and Forward—Quicksilver Higher and Nominal Abroad — Biological Assay for Codliver Oil —Camphor Prices Hold Firm—Demand Very Steady

The market for drugs and fine chemicals during the past week was quiet but very steady. Business was current in a volume entirely normal for the current period of the year and it kept undertones generally firm. Once again, demand for photographic chemicals made an excellent showing and prices ruled firmly. Menthol was higher to cover increases in replacement costs. Quicksilver was steadier to firmer. Quinine was in good demand at full prices. Tartar products moved very well. Citric acid and its derivatives were in seasonal request.

Civil war in Spain continued to stop shipments of quicksilver from that country. All foreign markets on quicksilver showed strength at higher prices. The upward movement in values had yet to affect this market but buyers were watching the situation closely and a higher market on mercurials may develop if the manufacturers are compelled to cover their quicksilver requirements through purchases made at prices prevailing in European markets other than that in Spain.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Menthol, 5c. per lb.

Reduced

Silver bullion, London, ⅛ pence per oz.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
179.1	**178.9**	**178.9**	**185.1**

Market news that may have developed after this report was sent to press will be found on page 4.

Menthol was higher for shipment and although demand was jobbing in volume on spot, the market here was firmer and there was less tendency to shade quotations. Agar agar showed strength and a tendency toward further advance. Higher production cost faced the milk power industry and an advance in prices on that article seemed pending. Strychnine was steady at the very low prices recently prevailing.

Agar Agar.—Undertones were very firm. Importers declared that replacement offerings involved only moderate quantities of merchandise and prices at the source were firm and, relatively, high. Local prices were well maintained, though the market was fairly competitive.

Alcohol.—The relatively low prices at which antifreeze alcohol may be bought for consumption during the Winter months has tended to attract considerable business to the producers. The market seemed to be fairly steady. No change in the differential of 25c. per gallon on grain alcohol over molasses alcohol has been made as yet, but in view of the very severe rise in the cost of corn, such a change seemed slated for the not far distance future.

Aloin.—Prices were steady. Raw material has stopped declining and producers of aloin have strengthened their views somewhat. Demand was moderate last week, but volume was farily satisfactory, in the main.

Bismouth Metal and Salts.—The steady undertone of the market continued unfaltering last week. Metal showed a firm position under the influence of steady demand for normal quantities. Salts had their usual movement. Prices held unchanged.

Acid, Citric.—Fair sized movement took place in a market lacking in feature development last week. The call was in line with that current in recent weeks and seemed to leave the market in fairly firm position.

Acid, Gallic.—Steady prices for USP acid ruled locally and interest in the material was about normal. Stocks were said to be ample. Production costs have been well maintained by the prices paid for raw material.

Acid, Lactic.—A firmer to stronger tone developed locally and sellers declared that prices were mainly firm. Competition was moderate and without adverse effect on local values. Stocks were not excessive in size.

Acid, Phosphoric.—A reasonable good request prevailed for this article. The seasonal interest this year has been very good and buyers have been able to cover their requirements on the basis of very steady prices.

Acid, Pyrogallic.—This was another of the seasonal acids to have a good call during the past week. The undertone of the market was exceptionally steady at all times. Supply seemed to be adequate.

Bromine and Bromides.—Local call for bromides was in good sized volume and up to seasonal levels for the group. Prices ruled in fairly steady fashion. Some figures on Japanese production of bromide and bromide sales are at hand, coming from the Hygenic Bureau of the Department of Home Affairs, Tokyo, Japan, and supplies by the United States Department of Commerce. No figures covering Japanese foreign trade in the articles are available, and, hence, it is impossible to state to what extent Japanese home production has supplied both domestic and export requirements. The figures follow:—

	Kilos	
	1933.	1934.
Bromine	191,410	207,350
Ammonia bromide	...	2,545
Potash bromide	71,658	86,442
Soda bromide	42,731	47,839

Camphor.—Despite reports to the contrary, prices on camphor were without change last week and instead of their having declined, the spot position of the article was steady and well maintained. The published report of exceptionally sharp declines in prices on Japanese slabs, powder, and tablets was in error and caused a world of trouble in local trade circles. Every camphor importer and dealer on the spot informed this publication that price schedules were positively unchanged and their selling prices on slabs and powder held at 53½c. per pound, while tablets were quoted at 57½c. Also, quotations on domestic and imported synthetic camphor were unaltered. Furthermore, no change in shipment prices on Japanese camphor had taken place. The status quo ante was definitely maintained.

Castor Oil.—Production of castor oil in the second quarter of this year totaled 14,532,548 pounds. Consumption was 7,243,443 pounds. Factory and warehouse stocks on June 30 amounted to 12,407,380 pounds. These figures were compiled from data filed with the Bureau of the Census, Department of Commerce, Washington. Consumption of castor beans in the second quarter totaled 16,090 tons, while stocks of raw material on hand as of June 30, amounted to 11,656 tons. Castor oil continued in very fair demand during the past week and prices remained very steady.

CHICAGO, Aug. 13.—The castor oil business is quiet and in rather good tone. Orders are coming in quite readily and the shipments to the trade, while mostly of limited individual size, are good in the aggregate. Ruling prices of representative sellers are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11⅛c.; barrels, less than car lots, 12⅛c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Codliver Oil.—The spot market was firm at the recent advance to $25 to $27 per barrel, a movement in line with the firmness of prices abroad. Some sellers on spot were so well convinced that the short production in Norway would result in substantially higher prices later on that they were disposed to quote $27 per barrel minimum and to await developments. The Food and Drug Administration, Washington, has notified importers of this oil to be prepared to hold importations at longer periods than has been customary in the past. This is to permit tests for the vitamin D potency. The Administration has constructed enlarged testing

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

MILK SUGAR
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Produced at Our Gustine, Cal. Plant
Powdered — Impalpable
Highest Quality — Best Prices
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FINE HEYDEN CHEMICALS
FORMALDEHYDE
PARA FORMALDEHYDE
HEXAMETHYLENETETRAMINE
Acetyl Salicylic Acid — Salicylic Acid
Sodium Salicylate — Methyl Salicylate
Minor Salicylates
Creosote — Guaiacol
Creosote Carbonate — Guaiacol Carbonate
Potassium Guaiacol Sulfonate
Benzoate of Soda — Benzyl Chloride
Benzoic Acid — Benzaldehyde
Bromides — Silver Proteins
Glycerophosphates
HEYDEN CHEMICAL CORPORATION
50 UNION SQ. NEW YORK N.Y.
180 N. WACKER DR CHICAGO. ILL.
factories GARFIELD, N.J. PERTH AMBOY N.J

laboratories in Washington, and has instituted a comprehensive system for testing codliver oil for its potency and chemical composition. Biological methods of vitamin assay require considerable time, so that the release of imports will be delayed in many cases. Not all imports will be sampled, but the Administration has reason to believe that many imports, particularly of poultry grade oil, are deficient in potency.

Corn Syrup.—Although prices for raw material have advanced somewhat further, prices on syrup remain unchanged at the recent rise. The market was exceptionally firm in keeping with the rising trend in the cost of production.

Epsom Salt.—Demand was about normal. No surplus of domestic production exists, the movement into consumption being steady and taking up material about as promptly as it becomes available. However, supplies were said to be ample in all respects.

Ether.—Prices were steady. With production and consumption having been brought into fairly close alignment, values have been held in well stabilized position for some time past and seemed destined so to remain for the immediate future at least. Undertones were firm.

Formaledhyde.—Very good demand prevailed, absorption of stocks by the makers of synthetic resins being in good volume. Export inquiry was fairly good. Prices remained well stabilized, reflecting to a considerable degree the similar situation in the raw material market.

Glycerin.—Strength continued unabated and seemed likely to prevail for an indefinite period of time. Output of refined glycerin found a ready market and when contracts had been cared for, no surplus of supply existed. Crude was strong and highly priced in all of the primary markets. Production and consumption of crude, dynamite and chemically pure glycerin in the second quarter of this year, together with stocks in factory and warehouse, as of June 30, were as follows:—

	Production.	Consumption.	Stocks.
Crude	37,656,895	36,167,699	8,926,980
Dynamite	11,254,990	6,000,824	12,180,432
Chemically pure.	18,875,048	3,247,391	8,033,011

CHICAGO, Aug. 13.—C.p. glycerin is ruling quiet, with the demand running along comparatively good lines for the season. Other grades hold firm with the tone rather stable. Ruling prices are:—C.p., drums, car lots, 15½c. per pound; drums, less than car lots, 16c.; cans, less than car lots, 17½c. to 18½c.; according to quantity; dynamite, car lots, 15½c.; less than car lots, 16c.; soaplye, 12c. to 12½c.; drums, less than car lots ,15⅞c.

Iodine and Iodides.—The market was active within normal limits. Demand for potash iodides was very good and prices were low and favorable. Also, an excellent call for tincture of iodine was noted. Prices for crude held low and unchanged.

Menthol.—Prices were 5c. higher at $3.25 to $3.35 per pound. This movement reflected an advance of almost identical degree in the primary market. Activity in the local market was confined to jobbing business for the most part.

Mercurials.—The undertone has become steadier in keeping with the development of a stronger situation as concerned the basic position of raw material in Europe. Demand for mercurials was steady and in very good volume, a factor that also resulted in a steadier position being developed.

Milk Powder. — The market was strong. Raw material has advanced further in the milk shed supplying this section with raw material. Powder was destined for further advance, it was said, in keeping with the rising cost of manufacture.

Phenolphthalein. — The market was steady in undertone and firm in price. Demand was about normal and kept volume to fairly satisfactory levels. Supplies were ample to supply current requests.

Quicksilver.—Foreign market prices have continued to advance, the rise being a direct reflection of the stoppage of quicksilver exports from Spain, in which country civil war has ended most all commercial activity for the time being at least. Local conditions gave evidence of the market showing a firmer trend and prices were no longer subject to shading.

SAN FRANCISCO, Aug. 10.—With inquiry good of late, and with sellers here tending to take the view that quicksilver is due to reach higher ground before long, this market remained firm last week. The Spanish situation is, of course, the influencing factor. Local sellers were more inclined to acquire stocks, or at least to refuse to sell ahead, as had been the case in some instances lately. The market is quoted at $73.50 to $74 per flask in 100-flask lots, New York delivery basis; 65c. per flask lower for San Francisco delivery.

Quinine.—Domestic manufacturers of quinine reported a steady demand and a volume of trade that was excellent for this time of the year. The market had firm undertones and prices were well maintained at all times. The foreign markets were firm, too.

Silver Nitrate.—The schedule of prices since the last reported prevailed at the following, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅝	44¾	19⅝
Monday	32⅝	44¾	19⅞
Tuesday	32⅝	44¾	19⅞
Wednesday	32⅝	44¾	19⅞
Thursday	32⅝	44¾	19⅞
Friday	32⅝	44¾	19½

Soda Citrate.—Demand of seasonal sort was very good. Conditions have been favorable to an excellent consumption of this material and the low price at which it is available has stimulated trade to a considerable extent. The market was steady last week.

Strychnine.—Trade was somewhat routine in character and volume was conservative in size. However, competition has not been prominent in the market of late and its absence has tended to make for a firmer price schedule at the very low levels prevailing.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Alcohol Tankcars Are Required to Be Locked

Manhole covers of all tankcars used for alcohol shipped in bond must be locked, the Bureau of Internal Revenue rules in T. D. 4675. The covers are required to be fitted for locking with a straight lock. The shipper must furnish locks; the government will supply the seals. A government officer will do the locking and sealing, retain the key, and forward it to the officer in charge of the warehouse or plant to which the alcohol is being shipped.

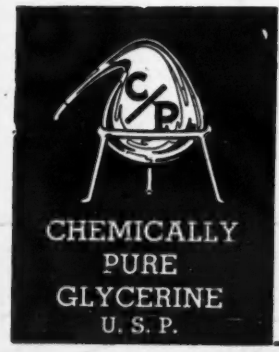
T. D. 4675 amends articles 56 and 107 of regulations 3 to provide for the locking, sealing, and opening of alcohol tankcars as outlined above.

DuPont Changes a Trade Name

A new trade name, Prep-Sol," has been chosen to identify the product of E. I. du Pont de Nemours & Co., formerly known as "Sol-Kleen," which is for use by refinishers of automobiles to clean and prepare old lacquer and synthetic finishes for recoloring with "Duco" and automotive "Dulux" finishes.

Sulphur Freight Rates Continued

The New York Public Service Commission has continued the present commodity freight rates of the New York Central (East) and West Shore railroads, on crude sulphur, in carloads, between various points. The rates, due to expire August 31, will continue in effect until November 30.



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55 ANN STREET, NEW YORK CITY

Oils, Fats and Waxes

Animal Oils

(Continued from page 39)

10,493,907 pounds. Exports of oleo oil during the quarter, 2,845,184 pounds; oleo stocks, 916,654 pounds. Consumption of oleo oil in margarin production in the fiscal year ended June, 1936, was 43,270,004 pounds.

Tallow.—Quotations were stationary with the tone of the market steady. Trade was quiet. Factory production for quarter ended with June, 2,531,596 pounds; consumption, 1,802,898 pounds; factory and warehouse stocks, June 30, 2,268,360 pounds.

Markets at Other Centers

Chicago, Aug. 14.—While there has been no special broadening out of demand in the animal oils, the market has been a firm and healthy one in tone, with buying coming through moderately well. Predominating in the purchases are apparently the orders for small lots which, however, comprise a considerable amount in the aggregate. Some buyers apparently are in urgent need of material, judging by the nature of their purchases. Oleo is stronger.

LARD.—No. 1, 9½c. per pound; No. 2, 9¾c.

OLEO.—No. 2, 9½c. to 10c. per pound.

TALLOW.—Acidless, 8¼c. per pound, tanks; 9½c., drums, less than car lots.

Fish Oils

Cow. — The market was firmer, quotations being about 1c. higher. Offerings of Norwegian were reported as light while Newfoundland was still apparently unobtainable and therefore nominal. Shippers of the latter description are said to be looking for higher prices later on as the indications point to a very light production for the season. According to some reports supplies of Norwegian will be light during the remainder of the year. Factory production of cod and cod-liver oil in this country for quarter ended with June, 211,797 pounds; consumption, 4,945,544 pounds; factory and warehouse stocks, June 30, 15,351,690 pounds. Production of other fish oils, 8,673,647 pounds; consumption, 51,156,114 pounds; factory and warehouse stocks, June 30, 108,485,390 pounds. Production marine animal oils, 3,120,750 pounds; consumption 11,232,464 pounds; factory and warehouse stocks, June 30, 23,862,592 pounds. Cod oil exports for June quarter, 4,073,662 pounds.

Menhaden. — Refined oil was firmer, quotations being advanced 1-10c. per pound by local interests. Consumers were not inclined to anticipate but there was a fair inquiry for comparatively small or moderate quantities. Crude was reported to have sold at 25c. per gallon, Baltimore basis, but with competing product stronger, there was said to be some doubts as to whether further supplies could be obtained at the same price. Weather conditions were generally reported as rather favorable for fishing operations with fair results as to catches and production of oil, though supplies of oil in the hands of producers were said to be comparatively small. Factory production for June quarter, 2,187,804 pounds.

Sardine. — Selling schedules were advanced 1-10c. per pound by refiners. There was a fair demand for small or moderate quantities. Crude was firm on the Coast late in the week with 32c. per gallon quoted in tankcars though business was reported to have been closed earlier in the period at 1c. to 2c. below that figure. Factory production of fish oils for quarter ended with June included 6,023,235 pounds of herring and sardine oils.

Sperm. — The market was steady, quotations being maintained at previous levels with trade routine. Factory production for June quarter, 651,750 pounds.

Whale. — Business in refined oil was rather quiet, buying interest being limited to unimportant quantities. The market was steady. Factory production for June quarter, 2,469,000 pounds. Importations for consumption during quarter, 10,847,468 pounds.

Markets at Other Centers

San Francisco, Aug. 10.—Further interest broke out in California and Oregon sardine oils last week, when, on a rising market, buyers entered bids and oil moved at figures from 29c. to 31c. per gallon. The total quantity moved was variously estimated at from 30 to 40 tankcars, these figures being possibly considered as slightly conservative. Sellers of California oil were today asking 32 cents and apparently were standing firm at that figure with a firm fats and tallow market backing them up. Just when this oil is to be delivered is a matter of some question at the moment, sales having been made on the usual subject-to-production basis.

Better fishing off the Oregon coast during the past few days brought an improved feeling in the industry up there. Rather large catches have been made, according to reports reaching here and all shore plants are busy turning out oil. Up until last week the situation had been discouraging, what with scattered fishing and poor catches.

Northern California was still marking time on production. Although the legal season started here on the first of the month, fish prices are as yet not fixed with the fishing fleet operators, besides which the California Fish & Game Commission has not issued any tonnage permits for open reduction purposes. It was pointed out that, lacking permits, fish reduction factories with cannery facilities could manufacture oil from cannery by-product offal material until such time as permits were issued under the provision in fishing regulations which provides for 13½ cases of edible sardines to be packed out of each ton of fish received by a plant. However, such a procedure is not logical until fish prices are fixed and the fleets get busy. It is regarded that the way will be cleared for the industry here to get in full operation about September 1.

Meantime, floating reduction plants are getting ready to venture outside and start operations on the high seas, and it is expected they will have the biggest season on record since they entered the picture several years back.

Ruling prices are:—

SARDINE.—New season California and Oregon sardine oil quoted at 32c. per gallon in tankcars, f.o.b. production point, northern California. Biologically tested oil for poultry feeding quoted at 50c. per gallon in drums.

HERRING.—Alaska herring oil quoted nominally at 31c. per gallon, f.o.b. Seattle.

SALMON.—32c. per gallon, nominally, f.o.b. tankcars, Seattle.

Baltimore, Aug. 12.—Some further trading in menhaden fish oil, with about ten tanks sold to one of the large consumers at 25 cents per gallon. Whether more oil is available at this figure cannot be determined for the reason that offers and asking prices are not available. Both sides again maintain an attitude of reticence, and the development of further pressure on one side or the other will have to be awaited to reveal definite ideas. Sellers naturally want the highest prices obtainable, while potential buyers are disposed to maneuver for concessions, and often nothing more tangible is ascertainable than vague intimations. The fishing is stated to be fair, with some cloudy weather and with temperatures high enough to make conditions rather favorable for the operation of the fishing steamers down the bay. Whether the distributor who recently obtained a lot of oil at 27 cents per gallon in the expectation of marketing it at a profit has succeeded in this endeavor is not known. Meanwhile the fishing companies show no real eagerness to book business at the levels that have prevailed of late.

Chicago, Aug. 14.—Trade in fish oils is light. For the most part the price structure is without change.

MENHADEN.—East Coast, 25c. to 26c. per gallon.

SARDINE.—Pacific Coast, 30c. to 31c. per gallon.

SALMON.—Pacific Coast, sellers' tanks, 32c. to 33c. per gallon.

Fats and Greases

Grease.—A firmer tone developed in company with competing product, quotations on the various grades being advanced ⅛c. to ¼c. per pound. There was a fairly active demand for moderate quantities. Factory production of grease of all kinds during quarter ended with June 75,207,589 pounds; consumption 46,611,308 pounds; factory and warehouse stocks June 30, 69,363,477 pounds.

Lard.—Cash product was irregular in company with futures in the West. There was a fair demand. Hog markets were generally firm. Receipts of hogs in the principal Western markets for four days of the week aggregated 186,500 head against 124,500 head for the same time last year. Factory production of edible lard for June quarter 257,613,542 pounds; consumption 1,564,568 pounds; factory and warehouse stocks June 30, 103,418,402 pounds. Neutral lard production 1,098,790 pounds; consumption 845,118 pounds; factory and warehouse stocks June 30, 1,013,047 pounds. Production of lard compound and other lard substitutes 349,860,733 pounds; consumption 455,292 pounds; factory and warehouse stocks June 30, 39,155,631 pounds. Domestic lard exports for quarter 31,415,907 pounds; neutral lard 233,560 pounds; cooking fats other than lard, 383,736 pounds.

Stearin.—There was a fair inquiry and sales were reported at 10c. per pound. Higher prices were quoted in some quarters. Factory production of edible animal stearin for June quarter 12,253,801 pounds; consumption 12,831,430 pounds; factory and warehouse stocks June 30, 5,867,525 pounds; inedible animal stearin production 4,925,319 pounds; consumption 4,073,754 pounds; stocks 5,541,323 pounds; vegetable stearin production 9,332,792 pounds; consumption 11,082,649 pounds; stocks 4,675,300 pounds. Exports oleo stearin for quarter 468,531 pounds.

Tallow.—Strengthening developments in other fats and oils stimulated buying interest in tallow and the market was more active and firmer. Sales were reported at 6c. per pound for extra, f.o.b., showing an advance of ¼c. per pound. Offerings were light on the rise and reports were current to the effect that bids on the basis of last sales had been turned down. Stocks in the hands of resellers were said to be light. The market for tallow futures had a steadier tone with offerings of contracts noticeably light much of the time. There was no auction of tallow in London last week.

Factory production of inedible tallow in this country for the June quarter 113,837,872 pounds; consumption 175,924,423 pounds; factory and warehouse stocks June 30, 264,282,215 pounds; edible tallow production 22,895,168 pounds; consumption 29,124,171 pounds; factory and warehouse stocks 13,853,523 pounds. Inedible tallow importations for quarter 7,100,371 pounds; exports domestic edible tallow 353,249 pounds.

In a bulletin issued by the Bureau of Agricultural Economics at Washington it is stated that marked changes in the trade use of several important fats and oils as a result of the new excise taxes are to be expected and the tax of 3 cents on tallow is cited as an example of one item that probably will have a significant effect. During the past two years with a 3 cents per pound tax on coconut oil, palm and palm kernel oils and only ½ cent duty on tallow, tallow has been imported for soap, displacing coconut and palm oils to some extent. Tallow imports increased from 200,000 pounds in 1933 to 246,000,000 pounds in 1935. Such imports dropped, however, to 30,000,000 pounds in the first five months of 1936. At current prices the use of imported tallow in soaps is likely to be discouraged. Throwing the Argentina tallow back on to foreign markets may tend, the Bureau of Economics states, to reduce prices of other foreign soap materials coming to the United States.

Following is a record of the market

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

ATLANTIC MUTUAL INSURANCE COMPANY
Chartered 1842

Wall Street

LANDMARK

THE Atlantic Mutual Insurance Company has been in business 94 years and is widely known as one of the landmarks of New York's financial district. It was chartered in 1842 and has owned and occupied the same site at the corner of Wall and William Streets since 1851.

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HALIBUT LIVER OIL

Potencies as required. Plain or fortified. Rigidly bioassayed by U. S. P. XI Procedure. Non-Solvent Extracted. Mild Odor and Taste. Light Color.

NATURAL VITAMIN D

35,000 U. S. P. XI Units per gram. (Approximately 16,000,000 units per pound).
Plus 20,000 U. S. P. XI u/g **Vitamin A.**

FISH LIVER OIL CONCENTRATES

Potencies up to 200,000 U. S. P. XI Vitamin A units per gram, with Vitamin D in ratio 1:10.

S. B. Penick & Company are a *non-competitive* source of supply for the above materials. Utmost care is exercised to assure highest quality before release for sale. Potencies are fully guaranteed.

Prices distinctly in line with lowest quotations from reliable sources.

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Quotations upon request

S. B. PENICK & COMPANY
Medicinal Liver Oil Department
132 NASSAU STREET, NEW YORK
1228 WEST KINZIE STREET, CHICAGO
THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

for tallow futures on the New York Produce Exchange from August 8 to August 14, inclusive:—

	Cents per lb. in tanks—High.	Low.	Close.	Sales. Tanks.
August	...	...	6.50 nom.	..
September	6.60	6.30	6.46@ 6.65	6
October	6.50	6.50	6.70@ 6.81	1
November	...	...	6.75 nom.	..
December	6.95	6.50	6.92@ 6.97	11
January	...	...	6.95 nom.	..
Total sales				18

Markets at Other Centers

Chicago, Aug. 14.—Shipping trade in lard is reported of fair extent. Both buyers and sellers are still watching the general statistical situation closely. While this has been under way, tallows have steadied, and then firmed, with small fractional advances noted on various grades. Greases are ranging from a firm to a slightly higher price situation. Buying is fair. Stearins are quiet, but the undertone is firm to strong.

The range of lard quotations from the opening Saturday, August 8, to the close Friday, August 14, is shown in the following table:—

	Per 100 pounds—Open.	High.	Low.	Close.	Previous Friday.
Cash	$11.75	$12.25	$11.70	$12.25	$11.80
Sept.	11.77	12.35	11.67	12.25	11.75
Dec.	11.95	12.65	11.82	12.45	11.92

TALLOWS (tierces).—Edible, 8¾c. to 8⅞c. per pound; prime, 6¼c. to 6½c.; fancy, 6¼c. to 6½c.; prime renderers', 5¾c. to 6c.; B country, 4⅝c. to 4¾c.

GREASES (tierces).—Choice white, 6¾c. to 7c. per pound; A white, 6c. to 6¼c.; B white, 5¾c. to 6c.; yellow, 10-15, 5½c. to 5⅝c.; yellow, 16-20, 5¼c. to 5½c.; brown, 5c. to 5¼c.

STEARINS (barrels).—Prime oleo, 9¾c. to 10c. per pound; lard, packages, 12c. to 12¼c.; A white grease, 6⅜c. to 6½c.; yellow grease, 5¾c. to 6c.; extra oleo stocks, 10c. to 10¼c.; No. 2 stocks, 9c. to 9½c. (Oleo stocks in car lots.)

Liverpool, Aug. 14.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s. d.	Sept. s. d.	Oct. s. d.	Jan. s. d.
Saturday	57 0	53 0	53 9	54 3
Monday	57 0	53 0	53 9	54 6
Tuesday	57 0	53 3	54 0	54 9
Wednesday	57 0	53 9	54 6	55 9
Thursday	58 6	55 3	56 3	56 9
Friday	59 6	55 6	56 6	56 9

Liverpool, Aug. 14.—Quotations per cwt. on tallow were as follows:—

	Choice. s. d.	Fine, good mixed. s. d.
Saturday	26 6	22 6
Monday	26 6	22 6
Tuesday	26 0	22 6
Wednesday	24 0	22 6
Thursday	24 0	23 0
Friday	24 0	23 0

Fatty Acids

Red Oil.—The market had a firmer tone but no changes in quotations were made by producers. There was a fairly active demand from local and other consumers. Factory production during the quarter ended with June was 9,958,964 pounds; consumption 6,730,391 pounds; factory and warehouse stocks June 30, 6,111,235 pounds. Importations for consumption were 89,535 pounds. Domestic exports for quarter 159,803 pounds.

Stearic Acid.—Selling schedules were maintained at the advance announced late in the previous week with the tone of the market firmer owing to the stronger position of basic material. Business was fairly active. Factory production during the June quarter was 7,528,496 pounds; consumption 2,726,319 pounds; factory and warehouse stocks June 30, 4,374,118 pounds. Domestic exports during June quarter 155,726 pounds. Importations for consumption during quarter 387,499 pounds.

Markets at Other Centers

Chicago, Aug. 14.—Demand for fatty acids of moderate proportions. There has been no particular broadening out of activity in the market, however, and the price structure shows no important change from that in effect recently. Special cottonseed products are just about marking time. Stearic acid is strong following late advances. Red oil is moderately purchased, tone fairly steady.

(Continued on page 58)

Tung Tree Acreage in New Zealand Increased

Cooperating with the British Imperial Institute in its efforts to grow tung nuts in various parts of the Empire, New Zealand, which began experiments in the winter of 1932 and found that tung nuts can be grown there under proper cultivation, is now reported to have 2,500 acres planted to tung trees. A commercial crop was not expected before 1938, but as many trees are now bearing nuts it is expected that oil production will begin well ahead of time. Since 1927 large quantities of Florida and Chinese tung seed have been distributed from the Royal Botanic Gardens in London and tung trees are now being grown in thirty parts of the Empire.

Lacquer Sales

Sales of clear lacquers, pigmented lacquers, lacquer bases and dopes, and thinners, in the second quarter of this year, according to the data obtained by the United States Bureau of Census from 158 manufacturers amounted to 12,071,087 gallons, valued at $15,138,829. This made the total of sales in the first six months of this year 21,630,735 gallons, valued at $27,357,930, which compared with 17,258,104 gallons, valued at $22,034,048, in the first half of 1935.

Sales of the various products included in the foregoing total were as follows:—

	Gallons.	Value.
Clear Lacquers		
Second quarter 1936	2,332,028	$3,143,694
First half 1936	4,362,350	5,929,003
First half 1935	3,690,935	5,119,956
Pigmented Lacquers		
Second quarter 1936	3,724,208	7,699,026
First half 1936	6,440,577	13,600,937
First half 1935	4,636,585	10,300,064
Lacquer Bases and Dopes		
Second quarter 1936	454,419	515,055
First half 1936	895,175	1,012,921
First half 1935	816,291	972,081
Thinners		
Second quarter 1936	5,560,432	3,781,054
First half 1936	9,932,633	6,815,069
First half 1935	8,114,293	5,741,947

Mullen Back From Europe

Thomas J. Mullen, president of the United States Bronze Powder Works, has just completed a tour of European countries, visiting his company's plants in England and on the Continent. He reports conditions very much improved compared with a year ago, particularly in England and the Netherland countries; but considerable concern in France and Germany. He reports the company's business in this country has shown a remarkable increase in the last few months and expresses belief that this Fall's business will exceed that of any previous year.

Paint up, clean up and fix up campaigns are being planned by the National Youth Administration, New York, in connection with the National Clean Up and Paint Up Campaign Bureau, Washington, which is supplying the suggestions for organization and conduct of the campaigns.

Paint, Varnish and Lacquer Materials

Lacquer Materials

(Continued from page 36)

Acetone.—This market was quiet last week, with the prices holding at the level established recently.

Butyl Acetate.—There was a fair demand for this commodity. and quotations held unchanged.

Butyl Alcohol.—Interest here was concerned with covering for nearby requirements only, but the volume was sufficient to give the market a steady tone.

Ethyl Acetate.—Little betterment was noted in the demand for this material, with the quotations holding steady. Consumers apparently were taking out quantities for actual wants as needed.

Film Scrap.—A decidedly firm tone was the outstanding feature in this direction, and prices ruled unaltered.

Tricresyl Phosphate.—This market offered little change, with the call active, and prices firm.

Driers

There is still a fairly active demand from the grease compounding trade but as reported previously, there is likely to be a let-down of activity in that direction soon, according to the stearate manufacturers. Cobalt driers continue in fairly good request. Prices for metallic soaps and driers were unchanged.

Glues and Binders

Casein.—The market continued strong and 30 mesh domestic material was not available in car lots below 16¾c. per pound. The market ranged upward to 17¼c. The powdered article held at 17c. to 17½c. a pound in similar quantity and was very strong at that basis. Argentine did not change during the week but French was higher at 18c. for 30 mesh and 18½c. for finer material. Demands continue active, the supply is light and further price strengthening is expected.

Botanical Drugs, Gums

Ginger Duty 20 Percent Ad Valorem—Spanish Products Display Strength — Higher Prices Paid for Domestic New Crops —Cascara Speculation Reported Current Demand Excellent

The market for botanical drugs showed much strength last week. Price advances were numerous and materials that failed of any change were reported to be in exceptionally firm position. It will be recalled that from time to time emphasis on adverse crop conditions has been prominent in this column. Last week, considerable buying of new crop goods was undertaken and dealers found that the prices asked for new crop goods were higher than expected, while the quantities offered were smaller than usual at this season. From almost every angle the market showed a gain in strength.

Domestic botanicals figured prominently in the price events of the week under review. Many of them were raised to levels barely covering an increase in cost that dealers have had to pay. Others had an upward tendency while awaiting demand in a volume that has yet to reach the market. Prominent among domestic items selling at higher levels were blueflag, cranesbill, lady slipper, senega, serpentaria and spikenard roots, elm bark and dried raspberries. Cascara bark was noted for strength, though reports suggested that speculation was, at least in part, responsible for the strength. Among the imported materials, all Spanish products, colocynth pulp, elder flowers, lovage root, red rose flowers and dandelion root were noted at higher and firmer price levels. Ginger root is mentioned separately as a strong item for the reason that, effective September 5, the article will be dutiable at 20 percent ad valorem instead of being admitted duty free, this being the result of a Treasury Department decision.

Entries of botanicals at the port of New York since the week of January 1, 1936, and detentions of these seeds by the Department of Agriculture because of the presence of matter rendering the seeds unfit for human consumption, were:—

	Bags	
	Detained.	Entered.
Anise	1,695	2,344
Caraway	4,333	13,597
Cardamom (cases)	160	1,662
Celery	95	1,558
Coriander	2,354	7,798
Cumin	339	3,791
Dill	56	231
Fennel	276	934
Mustard	...	11,365
Poppy	...	14,697
Sage leaves (bales)	52	77
Sesame	171	178,594
Thyme herb (bales)	102	610
Totals	9,633	237,258

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blueflag root, 2c. per lb.
Cassia, Batavia, No. 1, ¼c. per lb.
No. 2, ¼c. per lb.
Colocynth pulp, 5c. per lb.
Cranesbill root, 1c. per lb.
Dandelion root, 1c. per lb.
Elder flowers, bright, 1c. per lb.
dark, 1c. per lb.
Elm bark, select, 1c. per lb.
Fleaseed, French, 2c. per lb.
India, 1c. per lb.
Gentian root, whole, ½c. per lb.
Ginger root, African, 1½c. per lb.
Cochin, ½c. per lb.
Jamaica, bold, 1c. per lb.
grinding, bright, 1c. per lb.
medium bold, ¾c. per lb.
Gum benzoin, Sumatra, ½c. per lb.
Hops, domestic, 5c. per lb.
imported, 5c. per lb.
Lady slipper root, 1c. per lb.
Lovage root, imported, 4c. per lb.
Malva flowers, black, 2c. per lb.
Millet seed, hulled, ½c. per lb.
Mustard seed, Bombay brown, ¼c. per lb.
California, brown, ¼c. per lb.
yellow, ¼c. per lb.
Dutch, yellow, ¼c. per lb.
Hungarian, yellow, ¼c. per lb.
Montana, brown, ¼c. per lb.
yellow, ¼c. per lb.
Roumanian, yellow, ⅜c. per lb.
Raspberries, dried, 15c. per lb.
Rose flowers, red, 10c. per lb.
Saffron, Spanish, $1 per lb.
Sandarac gum, 3c. per lb.
Senega root, 1c. per lb.
Serpentaria root, 5c. per lb.
Spikenard root, 1c. per lb.

Reduced

Buchu leaves, 10c. per lb.
Canary seed, Morocco, ¼c. per lb.
Cubeb berries, whole, 2c. per lb.
powdered, 1c. per lb.
Guaiac resin, 10c. per lb.
Lycopodium, 30c. per lb.
Mullein flowers, 15c. per lb.
Passion flower herb, ½c. per lb.
Senna leaves, T. V., No. 1, 1c. per lb.
Simarubra bark, 2c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
112.8	**115.2**	**111.7**	**86.3**

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—Quotations were up slightly. Para material was priced at 20c. to 21c. per pound and the U.S.P. article was noted at 22c. to 23c. per pound. Both materials have shown a firmer trend in the replacement market.

Peru.—Hand-to-mouth demand was current during the past week. Transactions were of jobbing variety and the total volume of such business was not very large. Prices were about steady.

Barks

Cascara.—Not all factors in the Pacific Northwest admit that stocks of this bark actually in existence will be so small this year that a recently estimated shortage of 60 percent to 75 percent in the new peel will prove sound fact. It is possible this week to place before buyers the crop opinion of one of the most reliable and substantial operators in the primary market. This dealer offered the following figures, the same being the compiled after an extensive trip throughout the producing sections in Oregon and Washington:

	Tons.
Stocks already shipped	1,300
Stocks witheld from the market	200
Production still to come	500
Total	2,000

This dealer says that this quantity would be a normal figure at least. The average normal shipment, in the opinion of this dealer, is approximately 1,800 tons. He accounts for the rising price at the source by declaring that speculation exists and substantial quantities of bark peeled and prepared for shipment were being deliberately withheld from the sales market. The higher prices paid peelers were, in his opinion, given the workers to increase their peelings that all the bark might be peeled and delivered to those speculating in the article so that when other dealers' stocks are exhausted, the speculatively held material could be sold at prices dictated by those owning them. Each year there is a certain amount of small-way speculation that rarely affects the market. However, the dealer offering the above opinions stated that the "situation becomes rather acute when a large amount of bark peeled is put in storage and the trade in general is led to believe that the peel of bark is short. If the bark that is at present 'off the market' had been shipped as peeled, there would be no cause for alarm as far as shortage is concerned, and that the price would have been maintained." The dealer went on to say that "the price at the opening of the season was a fair price, considering that peelers are not paying stumpage, and the volume produced would, if not normal, have been little short of normal requirements."

Elm.—Collections have been dropping in the past fortnight, it was said, and the outlook for an ample stock of this bark was none too good last week. Prices have stiffened in all markets and on spot, grinding bark was noted at 10c. to 11c. per pound, while select bark in bundles was higher at 18c. to 19c. per pound.

Orange Peel.—Future supplies of Spanish peel have been rendered most uncertain by the civil war in Spain. Attempts to secure information from shippers at the source failed last week. Stocks at the source were felt to have been endangered by the war. At least, no shipments can be secured at this time. The market was firmer in all respects on spot.

Simarubra.—Because of keener competition in local circles, spot quotations on this bark were reduced to the basis of 28c. to 30c. per pound.

Wahoo.—New developments were lacking. The development that would be welcomed widely would be the col-

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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CRUDE BOTANICAL DRUGS From Forty Nations TRADE MARK

lection of larger quantities in the primary market. Such collection has been subnormal this year and the outlook is for probably higher market because of the lessened supply.

Beans

Calabar.—Only small quantities were sold during the past week and in most respects the market was about nominal. Prices held unchanged.

Vanilla.—Demand was very good. Sellers reported steady movement of sizeable quantities to the manufacturing consumers and the interest in good to excellent quality beans was especially active. Prices were firm at all times and in all quarters, reflecting a similar position of vanilla beans in the numerous primary markets.

Berries

Cubeb.—Prices for spot goods have eased back slightly, whole XX quality material being priced at 35c. to 36c. per pound and the powder being offered at 39c. to 40c. per pound. This movement was in line with some savings in replacement costs.

Raspberries.—After a period on inactivity as to price movements, this article turned suddenly strong last week because of stocks being less than the normal reserves wherewith to meet manufacturing needs during the season ahead. Quotations were advanced to 55c. to 60c. per pound.

Flowers

Elder.—Quotations were higher at 17c. to 18c. per pound. Some sellers have attempted to secure replacement stocks in the primary markets and encountered prices higher than they had expected. Stocks on the spot were conservative in size.

Malva.—Black malva flowers were higher at 40c. to 45c. per pound and the blue were firmer, though they lacked quotable change. Higher prices for shipment goods have been paid already and the foreign advices suggested that the market would be much firmer abroad during the season ahead.

Mullein.—Replacements have been bought at prices which have led some sellers to reduce their spot quotations to the basis of 85c. to 90c. per pound. A routine and usually jobbing demand has led to a more competitive market since replacements became available at savings.

Rose.—Red flowers went to the basis of $2 to $2.10 per pound last week, thus continuing the rising movement noted in recent periods. The undertone was very firm at the advance, a movement said to be justified by the cost to import the material. Pale flowers were firm, upward in tendency, but lacked quotable change.

Saffron.—Spanish saffron was advanced to $16 to $18 per pound and sellers offering the item on a firm basis were few in number. They also were able to offer only small quantities of the material. Until free and unrestricted trade with Spain is resumed, the local markets seemed destined to be strong based on undersupply and uncertain as to the future.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

KARAYA TRAGACANTH ARABIC
GUMS
FRANK-VLIET CO. INC.
160 WATER ST. NEW YORK, N. Y.
WHOLE AND POWDERED

Gums

Aloe.—The low state of stocks on Cape aloe cannot be rectified earlier than November at which time new arrivals may be expected. Between now and then, the local sellers expect very firm prices and posibly higher levels to prevail.

Arabic.—Fair business was done but it was spread rather widely through the market and was done under conditions somewhat more competitive than had been the rule of late. However, the market was considered to be basically firm on spot in keeping with the slightly higher prices at the source.

Benzoin.—Sumatra gum was up a fraction to the basis of 16½c. to 17c. per pound. Not all factors had been meeting the recent minimum of 16c. and the low seller came up slightly when that was discovered. a strengthening factor was the detention of 50 cases which were found not to be U. S. P.

Guaiac.—Although stocks were light and replacements difficult to obtain because of the generally low average of quality at the source, one quarter on the spot offered this resin at 75c. per pound. The range was to 85c. per pound as to seller. The factor reducing the price said that he had been unable to secure any business at 85c., losing orders to competitors.

Sandarac.—The market was firm to strong based on the prevailing import cost, the failure of the primary market to offer normal quantities, and the prospect for higher prices because of a shortage in supply. Quotations rose to 28c. to 30c. per pound. Spot dealers have been compelled to purchase out of local stocks because of their inability to secure normal shipments from the source.

Herbs and Leaves

Buchu.—Although most sellers were minimum at 80c. per pound, one quarter offered spot goods on the basis of 70c. per pound and said that attempts to sell had not been with uniform success as high prices and recent business have reduced interest in the material.

Henna.—The call was about as usual, being of fair volume but coming on a market where competition continued to keep prices down to levels not productive of a profit satisfactory to some sellers. Stocks seemed to be adequate.

Lobelia.—While all factors conceded that the present outlook for production was adverse, they also recalled that often in the past a poor outlook at this period of the summer was followed by ample stocks and falling prices. The situation at the source was being watched closely and at this writing nothing there suggests anything but a smaller collection than usual.

Passion Flower.—This herb was shaded under competition to the basis of 6½c. to 7c. per pound. Demand had been narrow for some time past. Conditions appeared to favor buyers at this time.

Senna.—Some quarters have eased their prices on No. 1 T. V. senna, making a price of 12c. to 13c. per pound and stating that that figure was more in line with what buyers will pay at the present time. Others continued to adhere to 13c. as minimum.

Miscellaneous

Colocynth Pulp.—Further detentions have taken place of late, the arrivals not having conformed to quality requirements of the N. F. Those with stocks in hand strengthened their quotations and reported sales on the higher level of 65c. to 70c. per pound.

Ergot.—Conditions in Spain were no better than a week ago. In fact, in some respects they were worse. During the week reviewed, no firm offerings of new crop goods from that country were received. Some prices were received from Hamburg, Germany, and Portugal. Prices at these points have not been severely advanced by the uncertainty of the Spanish supplies but it was not certain that actual orders could be placed in those markets. Pending clarification of the crop situation in Spain, the spot market was expected to remain about nominal.

Hops.—Prices were higher. Domestic hops, 1935 crop, were quoted at 35c. to 40c. per pound. Imported hops, 1935 crop, were noted at 65c. to 85c. per pound. Crop conditions have been somewhat adverse up to now and the future was uncertain.

(Continued on page 29)

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Essential Oils, Aromatic Chemicals

Peppermint Crop Shows Reduced Yield and Spot Prices Rise —Outlook for Other Domestic Oils Not Good—Spanish Oils Stronger With Sellers Reserved

Spanish and domestic oils continued to dominate the picture in the market for essential oils and aromatic chemicals last week. Commercial contact with Spain was still prevented by the civil war in that country. Future shipments of Spanish oils were highly uncertain and hence spot holders of sweet true almond, spike lavender, geranium, pennyroyal, rosemary, thyme, and origanum strengthened their market views and became cautious in their offerings.

Progress with the crop of domestic oils was not entirely satisfactory. Yield of peppermint oil was not running close to normal and despite the fact that new distillation was coming on the market, prices in the country showed strength and firmness that contrasted with the situation in years when conditions were normal. Production of erigeron, tansy, wormwood, pennyroyal and the like was also likely to be smaller than usual because of drought and heat damage.

Domestic orange and lemon oils were offered sparingly from stocks considerably below those normally in reserve, imported citrous oils were very firm on the spot, reflecting strength that prevailed in the countries of origin. Demand for these items was very good and along seasonal lines.

Eucalyptus oil showed much strength. Stocks were low and replacements were not obtainable in normal quantities because of under-production at the source. Delay in contract deliveries from the primary market continued unabated.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Almond, sweet, true, 5c. per lb.
Coriander, 50c. per lb.
Ginger, distilled, 10c. per lb.
Lavender, Spanish spike, 30c. per lb.
Pennyroyal, imported, 20c. per lb.
Peppermint, natural, 15c. per lb.
redistilled, 15c. per lb.
Rosemary, technical, 14c. per lb.
U.S.P., 14c. per lb.
Thyme, red, 12c. per lb.
white, 5c. per lb.
Wormwood, 15c. per lb.

Reduced

Calamus, 25c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
76.5	75.7	75.0	72.2

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Local agents of French shippers of sweet true almond oil reported inability to secure any firm offerings of shipment material. This stoppage of regular shipments has caused spot dealers to become reserved in their offerings and has placed prices on the basis of 65c. to 68c. per pound. Raw material comes from Spain and all shipments from that country to France have stopped.

Amber.—Routine business was reported but the market still kept a steady to firm undertone and prices prevailed at unchanged position. Stocks were not excessive.

Angelica.—New crop oil is not expected to be available in more than moderate quantities in Europe and the outlook seemed to favor continuation of firm and relatively high prices for a quality article.

Anise.—The firmer market that accompanied price recovery during the previous week continued to prevail. Shipment goods have been maintained at higher levels and the situation appeared to be one of some strength. Fair demand for spot goods also aided in the support of prevailing prices.

Bergamot.—Quotations were firm and the market reflected fully the well stabilized replacement cost that has developed under operations of the consortium in Italy. Demand was routine but steady locally.

Cassia.—The market was moderately competitive but prices seemed to hold fairly steady in sympathy with the situation of the material in the primary market. Demand was routine but in fair volume.

Calamus.—Quotations were lower at $2.75 to $3 per pound as to quantity and seller. After a long period of price stability, competition brought out a movement in favor of buyers. Demand was moderate for the most part.

Celery.—Not much demand prevailed for this article but prices held firm in keeping with present production costs and the well maintained quotations prevailing on raw material. Business locally was of jobbing description last week.

Citronella.—Movement into consumption was along lines usual for this material and the market as a whole had a moderately steady undertone. Values were low and favorable for manufacturing consumers.

Clove.—Raw material prices were maintained at the recent advance and hence oil was very firm in price, especially as the movement into consumption was in good volume. Little competition was noted.

Coriander.—Sales that involved only small quantities of this oil resulted in two advances in price last week. Starting at $6.25 per pound, the market rose to $6.50 and ended the week on the nominal basis of $6.75 to $7.25 per pound. Holders of this oil were able to get almost any price they cared to ask, this for the reason that there was absolutely no competition in the market because of stocks being almost totally exhausted.

Eucalyptus.—Deliveries of oil bought on contract in the primary market were far behind schedule for the reason that production has been subnormal. Locally, a firm to strong market prevailed in all quarters and with the principal consuming season not far away, the spot dealers said that it looks like higher prices later on.

Geranium.—Prices held very steady. Although not a large item in the total consumption of geranium oil in this market, the Spanish product still does play a part and at the moment the article is unobtainable for replacement in the primary market. Around $16 per pound would have to be paid for a quality article. Other varieties of geranium oil were steady to firm in price and subject to normal request.

Ginger.—Distilled oil will cost more money to produce because of the fact that, effective September 5, an ad valorem duty of 20 percent will be laid against all importations of raw material. Spot oil was higher at $3.40 to $3.50 per pound last week.

Lavender.—Spike lavender was strong, mainly because of the fact that shipments from Spain have stopped and the future of supplies made highly uncertain by the civil war in that country. Spot quotations were higher at $1.15 to $1.25 per pound. Flower oil continues to be very firm because of conservative supply of good quality goods.

Lemon—The market was very firm. Steady undertones on spot reflected the well maintained cost of goods in the Italian market. California oil was available only in moderately sized quantities and sales were restricted by the lack of normal reserves. Demand was very good. Exports to the United States in May totaled 20,671 pounds, compared with 12,600 pounds in April. Estimates on stocks of oil in Italy were slightly in excess of 1,000,000 Sicilian pounds.

Lime.—A steady if not expansive seasonal demand prevailed. Business was very good and assisted in the firm maintenance of prices to a well stabilized position.

Orange.—Good demand and very firm prices prevailed. Foreign markets showed strength in their prices and their offerings were not indicative of

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large stocks remaining unsold. Exports from Italy in the month of May totaled 515 pounds to the United States, comparing with 2,250 pounds exported in April. Spanish oil was unobtainable at the source.

Origanum.—The spot market was strong in price but inactive so far as sales were concerned. Inability to contact the Spanish market, together with the total stoppage of shipments from that country where civil war has brought ordinary commerce to an end for the time being, was responsible for the local situation. Prices were 70c. to $1 per pound.

Pennyroyal.—Imported material was higher at $1.35 to $1.40 per pound as the result of the uncertainty surrounding the future of supplies from Spain. Civil war has ended all commercial activity. Domestic oil was very firm and may have an increased call if shipments from Spain are prevented for a considerable period of time.

Peppermint.—Spot quotations were higher at $2.65 to $2.90 per pound for natural, and $2.90 to $3.15 per pound for the redistilled material. These prices were very close to those at which the primary market held last week. The undertone in the Middlewest was very firm and prices were entirely lacking in unsettlement notwithstanding the fact that they would be declining at this time if crop conditions were normal. The outlook is for a reduction in total production this year.

Rose.—The local market was steady to firm under a moderate demand for quantities about normal for this item. Stocks seemed to be adequate for present requirements. Preliminary figures available at the Agricultural and Cooperative Bank of Bulgaria show that the quantity of rose flowers gathered was approximately 8,000,000 kilograms, as compared with nearly 12,000,000 kilograms in 1935. The rose oil produced amounted to about 1,700 kilograms, compared with 2,400 kilograms in the previous year, and 1,750 kilograms in 1934. The yield was notably lower than that of 1935, amounting to one kilogram of rose oil to over 4,000 kilograms of rose flowers. The ratio in 1935 was approximately 4,000 kilograms, while the normal ratio varies between 3,500 and 3,600 kilograms. The quality is fine, and claimed to be free of adulteration, the distillation being done mainly under the control of the Agricultural and Cooperative Bank. The process of decreasing the acreage, in accordance with legal provisions, in order to fit the production to the demand of the world market, continued slowly. Somewhat larger decreases are expected in future years, the farmers becoming more and more used to substituting pyrethrum culture. Out of the total production of 1,700 kilograms of rose oil in 1936, about 1,400 kilograms, or over 80 percent, was distilled by the local co-operative association under the control of the Bank. Stocks held by the Bank amount to about 4,000 kilograms of oil.

Rosemary.—This item comes from Spain where civil war has stopped all commercial activity with this country. The result has been a substantial strengthening of the spot market and dealers as a whole were cautious in making firm offerings. Prices were higher at 48c. to 50c. per pound for U.S.P. goods.

Spearmint. — The crop outlook was apparently not so good. Prices in the country were said to show considerable strength and they prevailed at levels higher than the minimum at which spot goods could be obtained. Demand was not very active. Stocks were moderate locally.

Tansy. — Little has been said as to whether or not this item would reach a normal crop this year but the general feeling last week was that in view of a very moderately sized holdover, prices were likely to be well maintained.

Thyme. — Because of the fact that replacements were unobtainable in Spain, where civil war had ended commercial relationships for the time being, local sellers were reserved in offerings. Their prices were higher, and to a considerable extent they were nominal,

(Continued on page 30)

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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(Continued from August 10 issue)

Reaction product of—
2-Mercapto-5-phenylthiazole with parachloroanilin
2-Mercapto-5-phenylthiazole with paratoluidin
2-Mercapto-5-phenylthiazole with paraxylidin
2-Mercapto-5-phenylthiazole with primary aromatic amines
Mercaptotolylthiazole with alphanaphthylamine
Mercaptotolylthiazole with amines
Mercaptotolyltbiazole with anilin
Mercaptotolylthiazole with betannaphthylamine
Mercaptotolylthiazole with butylcyclohexylamine
Mercaptotolylthiazole with butylpara-aminodimethylanilin
Mercaptotolylthiazole with butyraldehydepropylamine
Mercaptotolylthiazole with crotonaldehydeanilin
Mercaptotolylthiazole with cyclohexylanilin
Mercaptotolylthiazole with cyclohexylbenzylamine
Mercaptotolylthiazole with 2:5-dichloroanilin
Mercaptotolylthiazole with ethylcyclohexylamine
Mercaptotolylthiazole with formaldehydebetanaphthylamine
Mercaptotolylthiazole with isopropylcyclohexylamine
Mercaptotolylthiazole methylcyclohexylamine
Mercaptotolylthiazole with orthochloroanilin
Mercaptotolylthiazole with orthotoluidir.
Mercaptotolylthiazole with parachloroanilin
Mercaptotolylthiazole with paratoluidin
Mercaptotolylthiazole with paraxylidin
Mercaptotolylthiazole with primary aromatic amines
Mercaptoxylylthiazole with alphanaphthylamine
Mercaptoxylylthiazole with amines
Mercaptoxylylthiazole with anilin
Mercaptoxylylthiazole with betanaprthylamine
Mercaptoxylylthiazole with butylcyclohexylamine
Mercaptoxylylthiazole with butylpara-aminodimethylanilin
Mercaptoxylylthiazole with butyraldehydepropylamine
Mercaptoxylylthiazole with crotonaldehydeanilin
Mercaptoxylylthiazole with cyclohexylanilin
Mercaptoxylylthiazole with 2:5-dichloroanilin
Mercaptoxylylthiazole with ethylcyclohexylamine

Reaction product of—
Mercaptoxylylthiazole with formaldehydebetanaphthylamine
Mercaptoxylylthiazole with methylcyclohexylamine
Mercaptoxyiyithiazole with isopropylhexylamine
Mercaptoxylylthiazole with orthochloroanilin
Mercaptoxylylthiazole with orthotoluidin
Mercaptoxylylthiazole with parachloroanilin
Mercaptoxylylthiazole with paratoluidin
Mercaptoxylylthiazole with paraxylidin
Mercaptoxylylthiazole with primary aromatic amines
Metallic derivatives of 2-mercaptobenzothiazole with an aralkyltrialkyl-ammonium halide
Metallic derivatives of 2-mercaptobenzothiazole with an alkylhydroxyalkyl halide
Metallic derivatives of 2-mercaptobenzothiazole with an aralkylpyridinium halide
Metallic derivatives of 2-mercaptobenzothiazole with a tetraalkyl-ammonium halide
6-Methylthiazole with alphanaphthylamine
6-Methylthiazole with amines
6-Methylthiazole with anilin
6-Methylthiazole with betanaphthylamine
6-Methylthiazole with butylcyclohexylamine
6-Methylthiazole with butylpara-aminodimethylanilin
6-Methylthiazole with butyraldehydepropylamine
6-Methylthiazole with crotonaldehydeanilin
6-Methylthiazole with cyclohexylanilin
6-Methylthiazole with cyclohexylbenzylamine
6-Methylthiazole with 2:5-dichloroanilin
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6-Methylthiazole with methylcyclohexylamine
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6-Methylthiazole with orthotoluidin
6-Methylthiazole with parachloroanilin
6-Methylthiazole with paratoluidin
6-Methylthiazole with paraxylidin
6-Methylthiazole with primary aromatic amines
6-Nitrothiazole with alphanaphthylamine
6-Nitrothiazole with amines
6-Nitrothiazole with anilin
6-Nitrothiazole with betanaphthylamine
6-Nitrothiazole with butylcyclohexylamine
6-Nitrothiazole with butylpara-aminodimethylanilin
6-Nitrothiazole with butyraldehydepropylamine

Reaction product of—
6-Nitrothiazole with crotonaldehyde
6-Nitrothiazole with cyclohexylanilin
6-Nitrothiazole with cyclohexylbenzylamine
6-Nitrothiazole with 2:5-dichloroanilin
6-Nitrothiazole with ethylcyclohexylamine
6-Nitrothiazole with formaldehydebetanaphthylamine
6-Nitrothiazole with isopropylcyclohexylamine
6-Nitrothiazole with methylcyclohexylamine
6-Nitrothiazole with with orthochloroanilin
6-Nitrothiazole with orthotoluidin
6-Nitrothiazole with parachloroanilin
6-Nitrothiazole with paratoluidin
6-Nitrothiazole with paraxylidin
6-Nitrothiazole with primary aromatic amines
Normal phenylbenzimidyl chloride and the sodium salt of mercaptobenzothiazole
Potassium salt of mercaptobenzothiazole with pyridin chlorobenzylate
Potassium salt of mercaptobenzothiazole with pyridin chloromethylate
Potassium salt of mercaptobenzothiazole with pyridin iodomethylate
Potassium salt of mercaptobenzothiazole quinaldin iodopropylate
Potassium salt of mercaptobenzothiazole with quinaldin trichlorobenzylate
Potassium salt of mercaptobenzothiazole with quinolin chlorobenzylate
Potassium salt of mercaptobenzothiazole with quinolin iodomethylate
Potassium salt of pentamethylenedithiocarbamic acid and dichloroacetopiperidin
Quaternary ammonium salt and a metallic salt of a normal dialkyldithiocarbamic acid
Sodium salt of di-isopropyldithiophosphate and sulphur monochloride
Sodium salt of dithiocarbamic acid and dichloroacetamide
Sodium salt of mercaptobenzothiazole with picolin chloromethylate
Sodium salt of mercaptobenzothiazole with pyridin chlorobenzylate
Sodium salt of mercaptobenzothiazole with pyridin iodomethylate
Sodium salt of mercaptobenzothiazole with quinaldin trichlorobenzylate
Sodium salt of mercaptobenzothiazole with quinaldin iodopropylate

(To be continued)

Petroleum Solvents, Lubricants, Fuels

Solvents and Industrial Oils Hold Steady Under Light Consuming Demands — Motor Fuel Prices Are Steady — Daily Average Crude Output Lower

Petroleum products used as industrial raw materials have not been favored with much in the way of demands during recent weeks. The business being done at this time is the usual type of the Summer months. Prices hold a steady position because of the firm position of the general petroleum market. Some of the large lacquer and enamel manufacturers supplying the automobile industry in the middle West are buying solvents in fairly good style, but there is little business being done in the East. August production schedules in the Akron tire district are slightly under the July requirements but are fairly well dimensioned. Paraffin waxes are unusually slow for August. Mineral oils continue with seasonal slowness and petrolatums have been favored with some fairly good demands from the manufacturers of Summer pharmaceutical specialties.

The motor fuel market in the Midcontinent was little changed last week. Demands were spotty and interest in refinery gasoline is overshadowed by that for natural gasoline.

Crude petroleum output in June was 90,185,000 barrels for a daily average of 3,006,000 barrels against an average of 2,745,000 barrels in June last year. The January-June output was 535,911,000 barrels for a daily average of 2,945,000 barrels against 476,185,000 barrels for 2,631,000 barrels in the corresponding months of last year.

Daily average production of crude oil in United States for the week ended August 8 was 2,963,800 barrels, an increase of 15,800 barrels over the preceding week's average of 2,948,000 barrels, according to the estimate of the American Petroleum Institute, which omits any oil that might have been produced surreptitiously. The average for four weeks ended August 8 was 2,962,800 barrels and the average at this time a year ago was 2,656,850 barrels. Runs of crude oil to stills were reported at 2,670,000 barrels daily and an additional 200,000 barrels was estimated to have been run for a total of 2,870,000 barrels against 2,930,000 barrels for the preceding week, according to the data gathered by the A. P. I. from refiners accounting for 89.7 percent of the nation's refinery capacity. Crude oil stocks August 1 were 306,751,000 barrels against 306,958,000 barrels on July 25, according to the Bureau of Mines.

Solvents and Diluents

Consuming manufacturers' purchases of petroleum solvents, naphthas and diluents continue in rather light fashion. Lacquer and enamel manufacturers supplying the automobile trade show some buying life but otherwise the trade is a Summer type of business and is not expected to improve much until next month. Prices at the refinery points continue in a steady position at quotations that have been long standing. The tankwagon and drum prices have been without shift since the recent adjustments in the middle West.

Cleaners' Naphthas.—The market did not evidence any new or important development last week. Trade was routine and prices at the Midcontinent refineries were steady and unchanged.

Hydrogenated Naphthas.—Sellers report steady and unchanged prices for all grades. The demands are termed as fair for this time of the season and a general improvement in consumption is looked for next month.

Petroleum Thinners.—The market's performance last week was a routine one. The demands reaching the refineries were light and prices at the Midcontinent were held at the established level of 6⅜c. to 6½c. per gallon, basis Group 3. Tankwagon prices were unchanged.

Rubber Solvents.—The tire makers' needs for August production are a little under the July consumption schedules but are considered fairly good-sized. Prices continue unchanged.

Stoddard Solvent.—Tankwagon and drum prices held steady and have been without change since the revision of prices in several mid-Western cities a few weeks ago. Prices at refineries are also held without shift.

V. M. and P. Naphthas.—Sharing the conditions of the general market for petroleum naphthas, this commodity was under routine demand at steady and unchanged prices. Seasonal improvement in consumption is expected after the Labor Day holiday.

Markets at Other Centers

Chicago, Aug. 13.—Petroleum diluents and solvents have marked time as to price, with the tone fairly steady. The consuming industries have continued to take our rather good sized quantities. Enough new business is coming in to maintain a generally good market tone. Ruling prices of representative sellers in tankcar lots except as noted are (tankcar lots f.o.b. Group 3, Oklahoma):—Blending naphtha, 4¾c. to 5c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 15.5c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 16.2c., tankwagon; lacquer diluent, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankwagon; v. m. & p. naphtha, 7⅜c. to 7½c., tankcar; 16.5c. tankwagon.

Tulsa, Aug. 13.—There is a fair trade in petroleum solvents but refiners say it is smaller than a week ago. Prices continue unchanged from 6⅞c. to 7⅜c. per gallon, the quotations that have prevailed for some time.

Lighter Fractions

Petroleum hydrocarbons in the group of liquefied petroleum gases did not offer much for comment last week. Trade continued in a routine way and the market possessed the same characteristics as it has for the past several months. Prices show usual firmness at the schedules that have been in force all year.

Butanes.—Tankcar movements out of producing points continue in routine fashion and prices are held at 2¼c. to 3¾c. per gallon for the 16-34 degree article testing up to N. G. A. specifications. The prices are basis Group 3.

Heptanes.—The market holds a steady place and there are no new developments. Quotations for mixed material are based at 9c. per gallon for tankcars, with the normal grade at 10c. for similar quantity, both basis Group 3.

Pentanes.—The position of the market has not been altered since last reported. Prices hold a steady position at the levels that have been standing for some time.

Petrolatums and Waxes

White Mineral Oils.—Prices hold a fairly steady position. There are occasional reports of competitive selling. There is not much business being done and conditions are typical of the season.

Paraffin Waxes. — The market has been unusually quiet this month. Export interests have shown no life at all. Further quiet is likely until the Autumn months. Prices for scale wax hold unchanged at 2.35c. per pound for 122-124 American melting point and 2.40c. per pound for 124-126. Fully refined waxes continue steady at the schedule. June wax production was 38,920,000 pounds; imports, 258,000 pounds; exports, 11,495,000 pounds; domestic demand, 31,737,000 pounds, and end of month stocks, 117,362,000 pounds. Six months' production this year, 241,920,000 pounds.

CHICAGO, Aug. 13.—Refined wax shows no appreciable market change as currently. In response to a fairly well sustained market demand, the sellers are quoting unchanged prices, but the tone remains steady. Stocks do not appear to be very bothersome at this time, being seemingly well in hand. Inquiries are coming into the market in fairly good quantity. Ruling prices are:—122-124, 4.65. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, Aug. 13.—Although paraffin wax prices continue unchanged at 2⅜c. to 2½c. per gallon for the 124-26 grade in car lots, there appears to be more strength in the market. Another refiner this week sold his entire August output. This is the second large plant that will be out of the market for the remainder of the month. This refiner's entire supply was absorbed by one source.

Petrolatum.—The market holds to the recent betterment of demands but it is far from brisk. The price situation continues without open change. Petrolatum inventories of refiners in the Appalachian district, August 6, totaled 799,609 gallons, according to the National Petroleum Association's breakdown of the Bureau of Mines figures.

Fuels and Lubricants

The East Coast gasoline market held in firm shape last week and the jobber purchasing continued good. Prices held firm. Kerosene was still shadable but leading refiners continue to post the prices that have been named all Summer. June motor fuel output, according to the Bureau of Mines, was 42,930,000 barrels against 43,438,000 barrels in May. Domestic demand in June was 44,360,000 barrels and end of month stocks were 60,519,000 barrels of finished gasoline, 6,858,000 barrels of unfinished, and 5,829,000 barrels of natural. Kerosene production in June was 4,376,000 barrels with domestic demand at 3,075,000 barrels and end of month stocks at 7,296,000 barrels. January-June output of motor fuel was 246,344,000 barrels and the output of kerosene was 27,902,000 barrels.

Market Conditions

Gasoline.—The tankcar market at local refineries continues to hold in firm shape and the maintenance of prices is receiving good support in the form of active consumption. Stocks here have been reduced to a fairly comfortable position and leading refiners have no difficulty in getting the full quotations at sales. Tankcar prices are 6¾c. per gallon for U. S. motor, 62-63 octane; 7c. per gallon for U. S. motor, 65 octane, and 7.5c. per gallon for branded qualities. These quotations are basis refinery. The export market at the U. S. Gulf continues unchanged at 5¼c. per gallon for U. S. motor; 5⅜c. for 60-62, 400 e.p.; 5⅜c. to 5½c. per gallon for 60-62, 390 e.p.; and 5½c. per gallon for 64-66, 375 e.p. A new specification for motor gasoline has been approved by the Procurement Division of the United

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline at the refinery centers was also unchanged and no changes were reported in service station markets.

	Aug. 14	Aug. 7	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.286	$1.286	$1.122
Gasoline prices at refineries (at four refining centers) per gallon	.054375	.054375	.054375
Gasoline prices at service station (average for ten marketing centers—including tax) per gallon	.1941	.1941	.1891

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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Outputs and Quotas

A comparison of suggested crude oil production for August as recommended by Secretary Ickes and the American Petroleum Institute's estimate of crude production for the week ended August 8, follows:—

	Federal agency allowable.	Estimated output.
Oklahoma	575,500	532,300
Kansas	166,500	139,650
Texas	1,154,700	1,153,150
Louisiana	188,500	237,000
Arkansas	31,200	29,200
Eastern (not including Michigan)	110,800	108,850
Michigan	32,400	31,850
Wyoming	38,600	40,750
Montana	13,900	17,000
Colorado	4,700	4,900
New Mexico	70,100	78,050
California	550,000	391,100
Totals	2,936,900	2,963,800

States Treasury Department. It is designated as VV-G-101a. Copies may be got from the Superintendent of Documents, Government Printing Office, Washington, for 5 cents each.

Kerosene.—Although leading refiners continue to post the 4⅞c. per gallon figure that they have quoted for 41-43 water white material all Summer, there is quite a bit of shading in the market and it is understood that trading can be done in certain directions at 4⅜c. per gallon. The export market holds unchanged at the U. S. Gulf with 3¾c. per gallon named for prime white and 4⅛c. to 4¼c. per gallon for water white.

Fuel and Gas Oils.—There were no developments to the recent humor of higher prices for C grade bunker oil. Quotations stand at $1.05 per barrel, at terminals. Diesel oil remains unchanged at $1.65 per barrel, also f. o. b. terminal.

Lubricating Oils.—The neutral oil markets are quite strong at this time. Early in the week there was a little weakness in bright stock and 600 steam refined, but the market returned to steadiness in the latter part of the week. Demands are rather light at this time, but there is a fairly active interest in neutrals. Lubricant production in June was 2,509,000 barrels. Other June statistics of the Bureau of Mines were:—Imports, 1,000 barrels; exports, 626,000 barrels; stocks, 6,799,000 barrels, and domestic demand, 1,969,000 barrels.

Markets at Other Centers

Tulsa, Aug. 14.—A spotty demand for motor fuels is apparently not influencing the natural gasoline market in the Mid-continent field this week. In a market in which prices for most oil products remain at a steady level, natural gasolines were again advanced ¼c. per gallon in the basic grade. For the first time in many months the 26-27 natural gasoline product is again selling at 4c. per gallon. Orders this week have come both from export and domestic channels and have originated exclusively from refiners. The receipt of instructions for August delivery so far indicate that withdrawals from storage will be exceedingly heavy and that probably at Gulf points a reduction of natural gasoline inventories amounting to 500,000 barrels is considered likely. With the further advance, however, jobbers are out of the market and are depending upon refiners for their source of supply. The approach of prices to the U. S. Motor market renders blending by jobbers uneconomically necessary.

The bouyancy in the natural gasoline market does not appear in the refined oil. The slackening of consumption during the past two weeks has apparently ended although extremely high temperatures still prevail and once more the seasonal rise which should carry the movement to new peak records appears to be underway.

In prices, however, this salutary influence has not yet been felt. While there is no weakness apparent in the market, the concessions that have been possible on a few occasions this season may still be had in the resale market. In the contract market prices continue steady at the levels that have prevailed for the past few weeks.

One of the significant developments this week is the steadiness in kerosenes and burning oils. Each week during the past two months, kerosene prices have yielded fractionally but at the close of every trading day during the week quotations remained at the same levels and refiners resisting requests for further concessions. There were many indications that this condition would continue. Most of the close observers were of the opinion that the product was definitely at bottom.

GASOLINE. (refinery).—A few scattered trades are reported in the resale market at 4⅜c. per gallon but practically all of the trading in this market is being effected at 4½c. a gallon while contract prices generally remain at 4⅞c. to 5c. per gallon. The differential in the octane grades is narrower as the 65 count is generally quoted at 4¾c. to 4⅞c. in the resale market and the 68-70 count is 5½c. to 5¾c. per gallon.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1936 Jan. 1-Aug. 15	1935 Jan. 1-Aug. 15
Commercial crude oil production	656,982,000	590,716,000
	Week ended Aug. 15, 1936	Week ended Aug. 17, 1935
Daily average production	2,951,100	2,663,600
	Week ended Aug. 8, 1936	Week ended Aug. 1, 1936
Estimated motor fuel stock total	61,750,000	*63,836,000
Estimated finished motor fuel stocks in refineries	34,771,000	*36,238,000

* Revised

NATURAL GASOLINE.—A premature seasonal demand is leaving the market here of offerings this week. All manufacturers advanced the 26-70 grade at 4c. per gallon in Oklahoma and to 3¾c. in Texas. Current production is short of meeting the demand for this month's snipments on the winter grades. In some circles there is fear that the unprecedented pre-seasonal demand has caused prices to rise too rapidly but this is recognized as a market condition offsetting the subnormal prices of earlier summer. However there is the opinion that the rise may have run most of its course with the 22 pound material selling 4⅜c. per gallon which is about equivalent to the resale price of U. S. Motor. The 18 pound grade is quoted at 4¾c. a gallon.

KEROSENE.—The resale market is still quoted at 3c. per gallon for the 41-43 grade although demand is still slow. Concessions below this prices are more difficult to obtain than two weeks ago. In the contract market most of the quotations are 3¼c. to 3½c. and many refiners are more willing to store their materials than has been the case for the past few weeks. Trading, has picked up slightly but the volume changing hands is still light.

DISTILLATES.—Prices appear pegged as refiners are unwilling to grant concessions from recent prices. They have embarked on a storage program which has practically eliminated trading for future delivery. While the No. 1 grade prime white appears in supply at 2⅞c. for resale and up to 3¼c. in the contract market, there is quite a noticeable scarcity of No. 2 and No. 3 material. Particularly is this true of gas oil distillates which are quoted at the same prices as No. 2 light straw 36-38 and 38-40 grades at 2½c. to 3¾c. in the resale market and up to 3c. in the contract market.

FUEL OILS.—There is no change in quotations with large supplies in the very low grades of high viscosities and high cold test ranging from 5 to 12 degrees in gravity at 45c. to 65c. a barrel and the higher grades of zero pour test ranging from 75c. for the 20-22 grades up to $1.05 per barrel for the 24-28.

LUBRICANTS.—Still a large movement is reported from most of the sections of the Mid-Continent with prices unchanged. Refiners continue to report strength and quotations are unchanged.

Chicago, Aug. 13.—The extremely large consumption of gasoline is still the principal feature of the general petroleum products market situation. Contract orders are running strong. Open market business is moderate. The price for third-grade gasoline seems to have eased off a trifle in the last few days, while the price of high octane material has steadied. Drought area reports are not so discouraging as earlier. Kerosene is still badly depressed, as are tractor fuels. The domestic heating oils are slow and backward in the market, but industrial fuels are greatly wanted by large consumers. Lubricants are showing no great change, although probably are hardly so strong as earlier.

GASOLINE.—Low octane motor, 4¾c. to 5c. per gallon; middle octane motor, 5¼c. to 5½c.; high octane motor, 5⅞c. to 6⅛c.; 60-62, 400, 4¾c. to 5c.; 64-66, 375, 4⅞c. to 5c.; 68-70, 360, 5c. to 5⅛c.

KEROSENE.—42-44, water white, 3⅜c. to 3½c. per gallon; 41-43, water white, 3c. to 3¼c.

(Continued on page 52)

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Fertilizer Materials

Packing-House By-Products Continue to Advance—Feeders Buying Heavily—Organic Shortage Looms—Sulphate of Ammonia Active After September Price Boost

Fresh purchasing activity by stock and poultry feeders sent organic ammonia values onto higher ground last week. Fertilizer producers who have not already covered for their needs of packing house by-products and rough ammoniates are likely to find prices far out of their reach, as all indications point to a sustained price appreciation on what may be the most severe shortage of feeding stuffs in many years. High grades of tankage reached the four-dollar mark in Chicago last week. A heavy run of fish may alter the organic situation long enough for the fertilizer trade to buy some organic ammonia at prices the trade can afford, but fish catches are light now.

The recent advance in the September delivery prices for sulphate of ammonia was followed by heavy booking in all early positions and the volume booked at some mills is likely to clean out surplus stocks. Some mills are unable to book any more August business and some are reported out of the market for September and, if there is a sustained demand for the Fall months or if export business develops in anything like the dimensions of the early part of this year, sulphate will move into the Spring in a mighty strong position.

The nitrate of soda people have not taken a position beyond August delivery. There is still some low-priced superphosphate reported available in the Southeastern states. Potash materials continue quiet but the sellers are pleased with the tonnage booked for the season thus far.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blood, dom., Chicago, 50c. per unit.
New York, 25c. per unit.
import, 20c. per unit.
Bone, raw, 4½ & 50, Texas, 50c. per ton.
import, $1.50 per ton.
Fish scrap, ground, Balto., $1 per ton.
import, Japanese, $1 per ton.
Tankage, dom., Chicago, feed grade, 50c. per unit-ton.
fertilizer grade, 10c. per unit-ton.
New York, 25c. to 50c. per unit-ton.
import, 5c. per unit-ton.

Reduced

None

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
62.9	62.9	62.9	57.7

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—Sellers have not taken a position beyond the current month and prices are named for August delivery only at $24.50 per ton for material in bulk, $25.80 per ton in 200-pound bags, and $26.50 per ton in 100-pound bags, all ex-vessel at the ports.

Sulphate of Ammonia.—As reported a week ago, September prices were advanced 50c. per ton, bringing the quotations for September delivery into the October-November range. The August prices and the figures named for December-June delivery were unchanged. The September boost was followed by a more active buying interest for all positions. The volume of August bookings taken by some sellers will doubtless clean out surplus stocks at certain mill points and at the present time it is impossible to buy for prompt or nearby delivery in some directions. A sustained demand through the Fall months will place sulphate in a mighty strong position for the Spring. There have been no further trades in the Russian article.

Nitrogen Solution.—As reported here last week, contract offerings for delivery over the season at 96c. per unit expired at the end of July, and on August 1 the contract price was advanced to $1.04 per unit, f.o.b. ports for August-June delivery.

Dried Blood.—Prices advanced substantially last week. Sales were made in New York at $3.25 per unit, an advance of 25c., and very little was left at that figure. Chicago prices soared and were difficult to determine at this writing. Feeding grades were quoted at $3.75 per unit, and while some stocks were reported available at $3.50 per unit in the latter half of the week, it was doubtful that the $3.50 offerings would remain. Imported material sold at $3.15 per unit early in the week and then advanced to $3.25 per unit for August shipment, c.i.f. ports.

Castor Pomace.—For the present there are no offerings of the foreign article which was last heard around $17 to $18 per ton, c.i.f. The appearance of any material would doubtless bring a higher figure. The domestic is firm at $16 per ton, f.o.b. mill points.

Fish Scrap.—A report indicating a very light sardine catch in Japan worked its way around the market last week and quotations for Sept./Oct. shipment were advanced $1 to the basis of $40 per ton, c.i.f. Domestic fish products were quiet but steady. Chesapeake menhaden scrap was last traded at $3 and 10c. per unit-ton at factory, when-and-if-made. Meal at Baltimore was reported sold at $45 per ton, a rise of $1 per ton. California meal is not being offered here as yet and the nominal position of the market is around $3.25 and 10c. per unit-ton, c.i.f. East Coast ports.

Nitrogenous Material.—Prices advanced sharply last week. The Carrollville price advanced to $2.35 per unit for September-December shipment, an advance of 15c.; the price at Chemical, Ill., advanced from $2.30 to the basis of $2.50 per unit, f. o. b. Chemical. The Norfolk quotation was $2.75 per unit on Friday, a rise of 35c., and, according to reports, sellers had little to offer. There were no quotations found on imported material last week, but it is doubted that the $2.40 price could be worked.

Tankage.—There was very little material available in New York and unground material was quoted at $3.50 and 10c. per unit-ton, a rise of 50c.; ground was last sold at $3.50 and 10c. per unit-ton. Fertilizer grade material was raised 10c. to $3 and 10c. per unit-ton; high-grade feeding stocks are no longer available at $3.50 and are now posted at $4 and 10c. per unit-ton, the first time the market has reached the $4 basis for some years. Imported material for September shipment from abroad is named at $3.25 and 10c. per unit-ton, a rise of 5c.

Urea-Ammonia Liquor.—As reported last week, producers withdrew from the market following the expiration of the contract offering at 96c. per unit which was available to buyers up to July 31.

Potashes

The suppliers of agricultural potashes seems to be satisfied with the volume of business booked so far this season but things are very quiet at this time, insofar as new bookings are concerned. New business is not likely to show any life until closer to the time for the expiration of the 5 percent discount which is available to buyers who place orders with specifications prior to October 1 for spot delivery or for shipment/delivery on the basis of substantially equal monthly quantities from October 1 to December 31. Orders placed prior to December 1, 1936, for spot delivery or for shipment/delivery on the basis of substantially equal monthly quantities from December 1, 1936, to February 28, 1937, are subject to 2 percent discount.

Phosphates

Bone material prices moved upward last week, a condition that reflects the results of the drought and the shortage of feeding materials. Bone products are in good request now and should continue so as feeders scramble for supplies. Superphosphate offerings are low-priced in the Southern market.

Bone Materials.—Imported 3 and 50 meal held steady at $23 per ton but the price of South American 4½ and 50 raw bone was raised $1.50 per ton to the basis of $27.50 and sellers were not anxious to part with goods at that figure. Domestic 4½ and 50 material, c.i.f. Atlantic ports, was also posted at $27.50 per ton, a rise of 50c. per ton over the preceding week's figure.

Superphosphate. — According to the Bureau of Census, June production was 225,485 of bulk and 12,796 tons of wet base and mixed; January-June output was 1,461,163 tons and 69,506 tons respectively. June receipts from other acidulators totaled 40,121 tons and book adjustments were increased 5,158 tons; the January-June receipts were 270,448 tons. June shipments totaled 146,059 tons and included 72,824 tons to mixers, 27,418 tons to other acidulators, and 45,817 tons to all others. Stocks of bulk at the end of June were 721,243 tons against 870,835 tons last June and 262,312 of base and mixed goods against 267,111 tons last June.

Sulphur and Pyrites

Sulphur producers report a moderately active market at this time of the year. Phosphate acidulators are increasing production in seasonal fashion and the steel industry's activity is also running at a nice rate. Prices continue at the basis that has been named for some time. The Department of Commerce reports that an American firm is studying the possibility of establishing a sulphur refinery in Cuba. The material would be imported into Cuba from Mexico. The department also reports that Chilean sulphur interests have suggested the formation of a centralized selling organization similar to that for Chilean nitrates. While Chilean production is small and the deposits are understood to be inaccessible to the seaports, the success of a central sales unit would be somewhat doubtful at this time, according to the department.

Markets at Other Centers

Atlanta, Aug. 13.—Interest in the fertilizer market is slight and concerns principally the larger manufacturers' remaining needs for base goods manufacture.

A Southern authority expresses an opinion that higher nitrogen prices may be expected and should be supported by higher crop prices.

Abundant rains are improving crop conditions. Cotton condition at 72.3 is better than many had expected, considering the poor stand the drouth had imposed. A large tobacco crop bringing above average prices; fruit and truck crops fair to good at higher prices than average, add to the prospects of a better demand for fertilizer than has been expected.

Quotations of this market are as follows:—

SUPERPHOSPHATE.—$10.82 per ton, interior producing points.

NITRATE OF SODA.—$24.50 per ton, bulk, ports.

SULPHATE OF AMMONIA.—$25 to $25.50, ports and Southern producing points.

COTTONSEED MEAL.—7 percent grade, $31.50 to $32 per ton, interior mill points.

NITROGENOUS.—Imported, $2.50 to $2.60 per unit, ports; $2.20 midwest.

CALCIUM NITRATE.—$24.85 to $26.10 per ton, 15 percent grade, ports.

BLOOD.—$3.25 per unit, Chicago; $3 to $3.20, foreign, port basis.

TANKAGE.—$3 to $3.20 and 10c., Chicago; foreign, $3.30 and 10c.

Baltimore, Aug. 13.—Interest in offerings of fertilizer materials is greater than it was, but it cannot yet be said that the movement has attained notably larger proportions. The range of the quotations were little changed. The figures currently mentioned are as follows:—

FISH SCRAP.—No advices as to further sales of this ammoniate down the Chesapeake Bay are available, but the feeling in the trade seems to be one of steadiness, with the level still held as $3 and 10c. at factory, which would bring the Baltimore basis up to $3.12 and 10c. to $3.15 and 10c. per unit-ton. Domestic fish meal is held at $45 per ton.

TANKAGE.—The market is relatively firm at $3 and 10c. per unit-ton, c.a.f. basis Baltimore.

BLOOD.—The figures mentioned are still around $3 to $3.10 per unit, c.a.f. basis Baltimore.

GARBAGE TANKAGE.—Sellers adhere to $3 10c. and 70c. to $3.10 10c. and 70c. per unit-ton.

BONE.—Figures mentioned by sellers are $24 to $25 per ton for 3 and 50 ground

Fertilizer Tag Sales: July

	Equivalent tons*—July				Equivalent tons*—January-July			
South—	P.C. of 1935.	1936.	1935.	1934.	P.C. of 1935.	1936.	1935.	1934.
Virginia†	190	8,194	4,303	1,502	100	270,306	270,485	242,914
North Carolina	432	5,727	1,326	1,211	102	941,010	918,851	809,412
South Carolina	471	3,156	670	7,956	100	580,664	578,653	538,254
Georgia	201	2,020	1,003	1,820	108	654,444	605,466	533,786
Florida†	482	19,481	4,040	12,526	120	264,721	221,438	226,626
Alabama	71	1,100	1,550	300	111	461,500	414,850	351,800
Mississippi	81	1,502	1,850	678	114	232,393	204,615	160,356
Tennessee†	86	1,016	1,175	162	117	89,431	76,323	75,893
Arkansas‡	90	450	500	.....	119	44,256	37,230	41,620
Louisiana†	188	1,560	800	250	123	91,911	74,539	55,875
Texas†	..	129	.....	60	103	53,411	51,945	48,400
Oklahoma	50	25	50	.....	88	5,005	5,664	4,685
Totals, South	257	44,300	17,267	25,965	107	3,689,052	3,469,059	3,089,021
Midwest—								
Indiana	229	11,913	5,213	1,840	127	123,545	97,634	74,572
Illinois	..	.....	225	169	114	19,732	17,262	14,828
Kentucky	122	1,495	1,228	384	111	68,344	61,464	51,513
Missouri	40	120	300	20	128	24,820	19,451	16,063
Kansas	1,005	1,005	100	5	203	2,095	1,034	840
Totals, Midwest	206	14,533	7,066	2,418	121	238,536	196,845	157,816
Grand totals	242	58,833	24,333	28,383	107	3,927,588	3,656,904	3,246,837

* Monthly records of fertilizer tax tags are kept by State control officials and may be slightly larger or smaller than the actual sales of fertilizer. The figures indicate the equivalent number of short tons of fertilizer represented by the tax tags purchased and required by law to be attached to each bag of fertilizer sold in the various States.

† Cottonseed meal sold as fertilizer included.

‡ Excludes 25,400 tons of cottonseed meal for January-July combined, but no separation is available for the amount of meal used as fertilizer from that used as feed.

(Compiled by the National Fertilizer Association)

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

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steamed and at $25 to $26 per ton for 4½ and 50 ground raw.

Chicago, Aug. 13.—Buying of fertilizer materials at this time is showing a fair amount of activity, and the buyers are apparently willing to take fair amounts. The tone of the market is steady, and while there is a disposition to limit the takings to small lots, some of the buyers want rush shipment. The blood sales are in moderate volume, while tankage is holding its own without much question. Bone materials are mostly marking time. The general price structure is mostly unchanged. Inquiries are coming in fairly well.

BLOOD.—High grade, ground and unground, $3.30 to $3.40 per unit of ammonia; unground, suitable for feeding. 10 to 12 percent, extra good, $3.75 to $3.90; 7 to 9 percent, $4 to $4.25 and 10c.

TANKAGE.—High grade, ground, $3 to $3.20 and 10c.; low grade tankage, $17.50 to $18 per ton, Middle West; liquid stick, $2.20 to $2.25; hoof meal, $2.65 to $2.75.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $16 to $17; 3 and 50 percent, $18 to $19; 4½ and 60 percent, $22 to $24; grinding hoofs, pigs' toes and waste horn materials, $18 to $19; junk and hotel kitchen bones, $17 to $18; cattle jaws, skulls and knuckles, $25 to $26; pork cracklings, soft pressed, $55 to $60; beef cracklings, soft pressed, $45 to $50; hard pressed cracklings, per unit of protein, 85c. to 90c.

San Francisco, Aug. 10.—California markets for fall delivery of fertilizer chemicals were active last week, when further substantial tonnages of sulphate of ammonia were booked, along with calcium nitrate and ammonia phosphate. Business was confined largely to the southern portion of the state, although the San Francisco area was definitely picking up in sales volume. Fish meals were continually active, with advances in prices. Estimates vary, but it is said in informed circles that the sales of new season fish meals out of the California and Oregon crops are so far well over 50,000 tons and at the moment some factors are hesitating on making further sales until the fish-reduction permit situation in California clears up. Shore factories expect to get their tonnage allotments soon.

Ruling prices are:—

NITRATE OF SODA.—100-pound bags, $27.50 per ton; 200-pound bags, $26.80 per ton; bulk lots are quoted at $25.50 per ton, all ex-vessel San Francisco/Oakland.

AMMONIA PHOSPHATE.—Quoted at $38 per ton, single bags; $38.50 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P.A.

SULPHATE OF AMMONIA.—Quoted at $27.50 per ton, f.o.b. cars in 100-pound bags, San Francisco and Los Angeles harbor and $28.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $29.50. Prices for delivery to June, 1937.

SUPERPHOSPHATE.—Domestic quoted nominally at 70c. to 75c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor. Bags, 80c. to 85c. per unit. Foreign, 80c. per unit in bags, c.i.f. Pacific Coast ports.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

FISH MEALS.—California sardine meal quoted at $35 per ton, Sept./Dec. shipment, according to seller, f.o.b. cars, Monterey/San Francisco. Canadian pilchard meal, prompt shipment from Vancouver at $42 per ton, f.o.b. San Francisco. Strictly fertilizer grade Japanese meal, August shipment, at $35 ex dock, San Francisco.

TANKAGE.—Local packing house tankage, ground, quoted at $3 and 10c. per unit-ton, f.o.b. cars, Los Angeles, prompt shipment. San Francisco, $2.80 and 10c. Argentine ground tankage quoted at $32.25 and 10c., c.i.f. Pacific Coast ports. Dry rendered, domestic ground, quoted at 85c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 75c. per unit.

BONE MEAL.—Domestic steamed bone meal, 1 percent and 70 percent, quoted at $24.50 per ton, delivered Pacific Coast ports. Semi-raw, part steamed, 4½ percent and 50 percent, quoted at $24 per ton, delivered Pacific Coast ports. Raw Argentine meal nominal.

BLOOD.—Domestic quoted at $3 per unit, f.o.b. cars, Los Angeles and $2.80 San Francisco. Argentine blood meal quoted at $3.10, c.i.f. Pacific Coast ports.

Alumina sulphate production is contemplated by the Argentine government. Imported bauxite would be said. Some low-grade sulphate is being made from domestic clays. Imports of sulphate amounted to 8,400 metric tons in 1935. The United States has lost to Europe the greater part of its once predominant share in this trade.

Petroleum Solvents, Lubricants, Fuels

Fuels and Lubricants

(Continued from page 50)

FURNACE OILS.—No. 1 prime, 2⅞c. to 3c. per gallon; No. 1 straw, 2¾c. to 2⅞c.; No. 2 straw, 2⅝c. to 2⅞c.; No. 2, dark, 2½c. to 2¾c.; 32-36, dark, industrial gas oil, 2⅜c. to 2½c.

FUEL OILS.—No. 3, low cold test, 2½c. to 2⅝c. per gallon; No. 4, 95c. to $1 per barrel; No. 5, 72½c. to 75c. per barrel; No. 6, 65c. to 70c.

New Orleans, Aug. 11.—Steadiness was again reflected in domestic market quotations for last week—prices remaining at a stationary level. Foreign inquiries and exports continued good. Quotations were as follows:—U. S. motor gasoline, 6¼c. per gallon at refinery; U. S. motor, below 62 octane, was quoted at 6¼c.; 63-67 octane at 6¾c. and 68-70 octane at 7¼c.—all basis refinery.

The average kerosene quotation was 5¾c. per gallon at refinery.

Bunker C fuel oil demand continued good at an average price of 90c. per barrel at terminal and 95c. per barrel delivered alongside. Industrial plants in this vicinity were quoted at $1.36 per barrel, delivered.

W. C. Doscher, of the Cook-Swan Co., refiners of fish oils, this city, left August 15 for a vacation in New England.

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, ACETIC—1 dm, Europa, Bremen
CRESYLIC—45 dms, 10 tons, 4 cwts, 3 qtrs, 8 lbs, American British Chem Supplies, City of Flint, Liverpool
111 dms, 25 tons, 12 cwts, 5 lbs, American Cyanamid & Chem Co, City of Flint, Liverpool
164 dms, American British Chem Supplies, American Shipper, Manchester
58 dms, American Cyanamid & Chem Co, American Shipper, Manchester
29 dms, Monsanto Chem Co, American Shipper, Liverpool
95 dms, American Cyanamid & Chem Co, American Shipper, Liverpool
LINSEED—1,827 dms, 788,546 lbs, 600 bbls, 282,125 lbs, Deutschland, Hamburg
70 dms, Gerolstein, Antwerp
STEARIC—3 cs, Yardley & Co, American Merchant, London
733 bgs, 56 tons, 17 cwts, 15 lbs, Orbis Product Trading Co, Scythia, Liverpool
ADEPS LANAE—88 bbls, 13 tons, 6 cwts, 1 lb, C Tennant Sons & Co, Scythia, Liverpool
AGAR AGAR—10 bls, Mitsui & Co, Tenyo, Kobe
ALBUMEN, BLOOD—1 ck, 7 cwts, 2 qtrs, 6 lbs, Rawlplug Co, Scythia, Liverpool
DUCTS—28 cs, Paul A Dunkel & Co, Venice, Shanghai
EGG—45 cs, Henningsen Bros, Venice, Shanghai
36 cs, J Lowe Corp, Venice, Shanghai
ALCOHOL, DENATURED—251 dms, C Esteva, San Jacinto, Arecibo
500 dms, C Esteva, Manuela, Arecibo
ETHYL—6 dms, Chase National Bank, Europa, Bremen
ALMOND FLOUR—10 cs, Dodge & Olcott Co, President Polk, Marseilles
ALUMINUM LEAF—40 cs, Ile de France, Havre
89 cs, Berlin, Bremen
POWDER—18 dms, 6,402 lbs, Deutschland, Hamburg
AMMONIA PHOSPHATE—45 bgs, 9,990 lbs, Synthetic Nitrogen Product Corp, Deutschland, Hamburg
SULPHOCYANIDE—2 kgs, Scythia, Liverpool
ANISE STAR—104 bgs, S B Penick & Co, Tenyo, Hongkong
ANTIMONY—17 cks, 5 tons, 5 cwt, 2 qtrs, 16 lbs, Stanley Fullwood, Scythia, Liverpool
ORE—350 bgs, Duncan Fox & Co, Paula, Arica
611 bgs, Philipp Bros, Paula, Arica
358 bgs, Philipp Bros, Santa Barbara, Arica
237 bgs, Philipp Bros, Santa Barbara, Antofagasta
OXIDE—200 bgs, K R Bandekon, Venice, Shanghai
400 bgs, Wah Chang Trading Corp, Gertrude Maersk, Hankow
ARROWROOT—465 bgs, Morningstar Nicol, Burgos, St Vincent
ASBESTOS—3,177 bgs, Amtorg Trading Corp, Scanmail, Leningrad
1,700 bgs, Raw Asbestos Distr, Chincha, Beira
534 bgs, Raw Asbestos Distr, Chincha, Lourenco Marques
200 bgs, Standard Bank of S A, Chincha, Cape Town
438 bgs, Chincha, Cape Town
ASPHALT—750 bgs, A V Berner & Co, Oriente, Havana
680 bgs, A V Berner & Co, Seatrain New York, Havana
3,002 cakes, Berlin, Bremen
CRUDE—315 bgs, Central Comm Co, Seatrain New York, Havana
BARYTES—363 bgs, T H Deutz, Berlin, Bremen
181 bgs, E W C Toepfer, Berlin, Bremen
200 bgs, Philipp Bros, Berlin, Bremen
BAUXITE RESIDUE—100 cks, C J Osborn & Co, California, Glasgow
BAY RUM—24 dms, Bornn Dist Co, Manuela, San Juan
10 bbls, 10 cs, Ehrmann Strauss Co, Manuela, San Juan
BISMUTH, REF'D—150 cs, Cerro de Pasco Copper Corp, Santa Barbara, Callao
BLEACHERS BLUE—5 bbls, 1 ton, 2 cwt, 2 qtrs, A De Ronde & Co, Scythia, Liverpool
BONE MEAL—544 bgs, Lucia C, Fiume
BRISTLES—3 cs, Globe Shipping Co, Deutschland, Hamburg
50 cs, Block Bros, Venice, Shanghai
22 cs, F H Cone & Co, Venice, Kobe
50 cs, F H Cone & Co, Venice, Shanghai
43 cs, B C Ritchie & Co, President Pierce, Tientsin
16 cs, Chesnut, Cooper & Co, President Pierce, Tsingtao
7 cs, F W Von Stade, President Pierce, Kobe
66 cs, B C Ritchie & Co, President Pierce, Shanghai
120 cs, President Pierce, Shanghai
55 cs, F H Cone & Co, President Pierce, Dairen
63 cs, F H Cone & Co, President Pierce, Tientsin
61 cs, American Merchant, London
9 cs, Schenker & Co, American Merchant, London
2 cs, M Broverman & Son, American Merchant, London
52 cs, Chesnut, Cooper & Co, American Merchant, London
4 cs, F H Cone & Co, Sarcoxie, Havre
6 cs, Philadelphia Natl Bank, Sarcoxie, Havre
50 cs, A Hurst & Co, Gertrude Maersk, Shanghai
25 cs, F H Cone & Co, Gertrude Maersk, Shanghai
50 cs, F W Von Stade, Gertrude Maersk, Kobe
66 cs, Block Bros, Gertrude Maersk, Kobe
8 cs, Chase Natl Bank, Gertrude Maersk, Kobe
BRONZE POWDER—13 dms, W J Byrnes & Co, Berlin, Bremen
BUCHU LEAVES—15 bls, S B Penick & Co, Queen Mary, Southampton
10 bls, Peek & Velsor, Queen Mary, Southampton
15 bls, Queen Mary, Southampton
BURDOCK ROOT—20 bls, Gerolstein, Antwerp
CALCIUM CYANIDE—13 cs, Calcyanide Co, Gerolstein, Antwerp
TARTRATE—83 bgs, Charles Pfizer & Co, Lucia C, Barletta
546 bgs, Exmouth, Alicante
CANARY SEED—250 bgs, Carl Gerdau, Ingria, Casablanca
350 bgs, A G Dunn, Exmouth, Casablanca
CARDAMOM—20 cs, President Polk, Bombay
105 tons, P H Petry & Co, Platano, Barrios
CASEIN—834 bgs, Balfour, Guthrie & Co, Dagrun, Buenos Aires
70 bgs, D C Andrews & Co, Deutschland, Hamburg
300 bgs, Sarcoxie, Havre
333 bgs, Balfour, Guthrie & Co, Scythia, Liverpool
250 bgs, T M Duche & Sons, Pan America, Buenos Aires
1,835 bgs, American Cyanamid & Chem Co, Pan America, Buenos Aires
CASSIA—200 bls, Van Loan & Co, Tenyo, Hongkong
114 bls, Knickerbocker Mills Co, President Pierce, Hongkong
300 bls, Durkee Famous Foods, President Pierce, Hongkong
25 bls, Black Diamond Seed Co, President Pierce, Hongkong
200 bls, Knickerbocker Mills Co, President Pierce, Canton
200 bls, A G Dunn, Gertrude Maersk, Canton
CASTOR BEANS—1,706 bgs, National City Bank, Algic, Pernambuco
833 bgs, Baker Castor Oil Co, Pan America, Rio de Janeiro
CATTLE HOOFS—153 bgs, Geck Trading & Comm Co, Seatrain New York, Havana
HORNS—426 bgs, Geck Trading & Comm Co, Seatrain New York, Havana
CELERY SEED—65 bgs, Ingria, Marseilles
305 bgs, President Polk, Bombay
CHALK, BLOCK—2,076,000 kilos, Taintor Trading Co, Sarcoxie, Dunkirk
PRECIPITATED—500 bgs, Colgate-Palmolive-Peet Co, Gitano, Hull
CHAMOIS—5 cs, Chase Natl Bank, American Merchant, Havre
5 cs, American Merchant, Havre
CHEMICALS—40 bbls, 25,080 lbs, Scanmail, Gdynia
2 dms, Europa, Bremen
2 cs, Deutschland, Hamburg
11 cks, 2,415 lbs, E I Du Pont de Nemours Co, Deutschland, Hamburg
10 cs, 1,421 lbs, Deutschland, Hamburg
50 crbys, 6,765 lbs, Advance Solvents & Chem Co, Deutschland, Hamburg
20 cks, 11,855 lbs, F Rudloff, Deutschland, Hamburg
10 cks, 2,420 lbs, Innis, Speiden & Co, Deutschland, Hamburg
18 bbls, Jungmann & Co, Deutschland, Hamburg
2 cs, Ernest Bischof Co, Deutschland, Hamburg
30 dms, 13,990 lbs, Advance Solvents & Chem Co, Deutschland, Hamburg
5 cks, 576 lbs, Deutschland, Hamburg
3 bbls, 2,703 lbs, Deutschland, Hamburg
2 cs, J E Bernard & Co, Deutschland, Hamburg
25 cks, 22 cs, Deutschland, Hamburg
50 cks, Innis, Speiden & Co, California, Glasgow
100 bgs, President Polk, Genoa
6 cs, Wm Neuberg, Santa Barbara, Valparaiso
9 cs, Hubuet Silk Co, Ile de France, Havre
6 cs, H W St Johns Co, Ile de France, Havre
2 cs, G J Wallau, Ile de France, Havre
5 cs, Hoffman La Roche Co, Ile de France, Havre
11 cks, Robinson-Wagner Co, Berlin, Bremen
1,180 bgs, 700 cks, 3 cs, Berlin, Bremen
30 dms, Advance Solvents & Chem Co, Gerolstein, Antwerp
100 cs, Gerolstein, Antwerp
100 bgs, Scanyork, Gdynia
PHOTO—10 cks, 1,408 lbs, G Gennert, Deutschland, Hamburg
1 cs, Heemsoth, Pinckes & Kerner, Deutschland, Hamburg
CHILLIES—31 bgs, Chincha, Mombasa
CHINA CLAY—67 bgs, 5 tons, 2 cwt, English China Clay Sales Corp, Scythia, Liverpool
CHROME ORE—2 bgs, Mitsui & Co, President Pierce, Manila
2466 bgs, International Mineral & Metal Corp, Yucatan, Havana
4,705 tons, E J Lavino & Co, Chincha, Beira
CLOVES—100 bls, Chemical Bank Trust Co, President Polk, Singapore
560 bls, President Polk, Singapore
350 bls, A M Todd Co, Chincha, Zanzibar
COALTAR INTERMEDIATES—6 cks, General Aniline Works, Europa, Bremen
5 cks, General Dyestuff Corp, Europa, Bremen
6 cks, Sandoz Chem Works, Europa, Bremen
6 cs, General Dyestuff Corp, Deutschland, Hamburg
COATING POWDER—69 bgs, 7,352 lbs, Philipp Bros, Deutschland, Hamburg
COCA LEAVES—76 bls, Mallinckrodt Chem Works, Santa Barbara, Salaverry
COCOA BEANS—1,000 bgs, W R Grace & Co, Algic, Bahia
300 bgs, Algic, Bahia
250 bgs, Robin Gray, Trinidad
393 bgs, Carabobo, Puerto Cabello
1,000 bgs, Machado & Co, Carabobo, La Guaira
100 bgs, Scholtz & Co, Carabobo, La Guaira
700 bgs, Fruit Despatch Co, Peten, Havana
76 bgs, Curacao Trading Co, Coamo, Trujillo
60 bgs, Carr Bros, San Jacinto, Porto Plata
42 bgs, Curacao Trading Co, San Jacinto, Porto Plata
75 bgs, Grace Line, Santa Barbara, Guayaquil
25 bgs, Schutte & Focke, Astrea, Curacao
15 bgs, Astrea, Curacao
400 bgs, Wessel, Duval & Co, Astrea, Porto Cabello
181 bgs, A S Marques, Polarland, Ciudad, Trujillo
132 bgs, Machado & Co, Polarland, Sanchez
350 bgs, Machado & Co, Polarland, Puerto Plata
550 bgs, Curacao Trading Co, Polarland, Puerto Plata
500 bgs, Wessel, Kulenkampf & Co, Polarland, Sanchez
156 bgs, Chincha, Trinidad
500 bgs, Wessel, Duval & Co, Buenaventura, S P Ports
200 bgs, W R Grace & Co, Pan America, Port Spain
204 bgs, Royal Bank of Canada, Ankara, Para
172 bgs, W R Grace & Co, Ankara, Itacoa-Tiara
60 bgs, W R Grace & Co, Ankara, Manaus
COCONUTS—600 bgs, Franklin Baker Co, Colombia, Cristobal
1,567 bgs, Franklin Baker Co, Colombia, Kingston
750 bgs, A N Leakway, Colombia, Kingston
COCONUTS—100 bgs, Universal Import & Export Co, Colombia, Kingston
598 bgs, Franklin Baker Co, Colombia, Kingston
30 bgs, Transmarine Merc Corp, Colombia, Cape Haitien
300 bgs, Fruit Despatch Co, Toloa, Kingston
50 bgs, H Schnell, Manuela, San Juan
102 bgs, J Simon & Co, Manuela, San Juan
67 bgs, Franklin Baker Co, Manuela, San Juan
31 bgs, American Lime Co, Manuela, San Juan
537 bgs, Franklin Baker Co, Manuela, San Juan
200 bgs, I L Toledano Corp, Buenaventura, Colon
1,325 bgs, Durkee Famous Foods, Burgos, Trinidad
COCONUT, DESIC—722 cs, Balfour, Guthrie & Co, President Pierce, Manila
4,625 cs, Franklin Baker Co, President Pierce, Manila
100 cs, Dodwell & Co, President Pierce, Manila
COLORS—1 cs, B F Drakenfeld & Co, American Merchant, Havre
5 bbls, Siber Hegner Co, Ile de France, Havre
5 cks, S H Pomerance Co, Ile de France, Havre
2 cks, Ile de France, Havre
32 cks, Fulton Dye Import Co, Ile de France, Havre
CERAMIC—4 cs, B F Drakenfeld & Co, Scythia, Liverpool
EARTH—18 cks, General Dyestuff Corp, Deutschland, Hamburg
45 cks, Reichard, Coulston, Berlin, Bremen
38 cks, Fezandie & Sperrle, Berlin, Bremen
POTTER'S—1 cs, M J Carney Co, Scythia, Liverpool
COPAIBA BALSAM—90 cs, Grace Natl Bank, Ankara, Manaus
CORIANDER SEED—300 bgs, 33,000 lbs, P H Petry & Co, Exmouth, Casablanca
300 bgs, 33,000 lbs, E E Marks & Co, Exmouth, Casablanca
375 bgs, 37,400 lbs, Exmouth, Casablanca
500 bgs, 44,000 lbs, Export Agencies Corp, Exmouth, Casablanca
100 bgs, 11,000 lbs, Carl Gerdau, Exmouth, Casablanca
CORK—8 bls, L Mundet & Sons, Ingria, Lisbon
10 bls, Bisbe Cork Co, Exmouth, San Felin
327 bls, United Cork Co, Exmouth, Casablanca
DISCS—12 bgs, L Mundet & Sons, Ingria, Lisbon
VIRGIN—366 bls, L Mundet & Sons, Ingria, Lisbon
WASTE—419 bls, L Mundet & Sons, Ingria, Lisbon
197 bls, Wallace Keller, Ingria, Lisbon
WOOD—1,479 bls, L Mundet & Sons, Ingria, Lisbon
945 bls, Wallace Keller, Ingria, Lisbon
268 bls, Ingria, Lisbon
COTTON LINTERS—274 bls, Pan America, Buenos Aires
CRESOL, SOLID—11 kegs, Monsanto Chem Co, American Shipper, Liverpool
CRYOLITE—220 bgs, 43,898 lbs, W J Honan, Deutschland, Hamburg
CUBEBS—8 bgs, Phemius, Singapore
CUMIN SEED—96 bgs, President Polk, Bombay
300 bgs, 33,000 lbs, E E Marks & Co, Exmouth, Casablanca
CUTTLEFISH BONES—700 cs, Ingria, Marseilles
DERRIS ROOT—61 bls, Dodwell & Co, President Polk, Manila
DYES, ALIZARIN—2 dms, General Dyestuff Corp, Europa, Bremen
ANILIN—18 cks, Ciba Co, Europa, Bremen
22 dms, Sandoz Chem Works, Europa, Bremen
1 cs, 8 cks, General Dyestuff Corp, Europa, Bremen
28 cks, 1 cs, General Dyestuff Corp, Deutschland, Hamburg
1 ck, 2 dms, E I Du Pont de Nemours Co, Scythia, Liverpool
93 cks, Ciba Co, Ile de France, Havre
33 dms, Sandoz Chem Works, Ile de France, Havre
23 cks, Carbic Color & Chem Co, Ile de France, Havre
DYEWOOD CUTTED—102 bgs, S B Penick & Co, Lucia C, Trieste
EGG YOLK, HEN—112 cs, Henningsen Bros, Venice, Shanghai
112 cs, J Lowe Corp, Venice, Shanghai
174 cs, T M Duche & Sons, Venice, Shanghai
224 cs, J Lowe Co, Gertrude Maersk, Hankow
FENNEL SEED—137 bgs, S B Penick & Co, President Polk, Bombay
260 bgs, President Polk, Bombay
FENUGREEK SEED — 200 bgs, 44,000 lbs, Archibald, Jr, Inc, Exmouth, Casablanca
100 bgs, 22,000 lbs, R J Prentiss & Co, Exmouth, Casablanca
167 bgs, 36,740 lbs, Murray & Nickell Mfg Co, Exmouth, Casablanca
FERRIC SALT—1 bbl, Bergstrom Trading Co, Kungsholm, Gothenburg
FILTER PAPER—3 cs, Deutschland, Hamburg
93 bls, 1 cs, J Manheimer, Queen Mary, Southampton
10 bls, 8 cs, H Reeve Angel & Co, Queen Mary, Southampton
5 cs, H Reeve Angel & Co, American Merchant, London
FISH MEAL—3,360 bgs, Consumers Import Co, Tenyo, Yokohama
FLAXSEED—78 bgs, 171 bu, National City Bank, Pan America, Buenos Aires
974 tons, 38,960 bu, L Dreyfus & Co, Pan America, Buenos Aires
450 bgs, 990 bu, L Dreyfus & Co, Pan America, Buenos Aires
FLEASEED—600 bgs, R J Prentiss & Co, President Polk, Bombay
67 bgs, Peek & Velsor, President Polk, Bombay
220 bgs, President Polk, Bombay
20 bgs, E Fougera & Co, President Polk, Marseilles
10 bgs, Kachurin Drug Co, President Polk, Marseilles
GELATIN—101 cs, 26,356 lbs, Dingelstedt & Co, Deutschland, Hamburg
GINGER ROOT—128 bgs, B H Old & Co, Colombia, Kingston
100 bgs, J Clark & Co, Colombia, Kingston
50 bgs, Stickney & Poor Spice Co, Colombia, Kingston
GLASS, SHEET—8 cs, Manufacturers Trust Co, Gerolstein, Antwerp
WINDOW — 22 cs, Globe Shipping Co, Deutschland, Hamburg
11 cs, Leo Popper & Sons, Scythia, Liverpool
GLUE—470 bgs, Lucia C, Trieste
140 bgs, Dingelstedt & Co, Berlin, Bremen
23 bls, 169 bgs, International Selling Corp, Gerolstein, Antwerp
GLYCERIN—55 dms, Dagrun, Buenos Aires
149 dms, Amtorg Trading Corp, Scanmail, Leningrad
2 cks, Wedeman, Godknecht & Lally, Deutschland, Hamburg
280,000 lbs, Gertrude Maersk, Manila
GRAPHITE—626 bgs, Asbury Graphite Mills, President Polk, Singapore
600 bgs, President Polk, Singapore
GREASE, WOOL—97 bbls, H I Malmstrom & Co, American Shipper, Manchester
125 bbls, 15 dms, American Shipper, Manchester
119 bbls, Robinson Wagner Co, American Shipper, Liverpool
25 dms, 5 tons, 8 cwts, 3 qtrs, 2 lbs, Hummel Chem Co, Scythia, Liverpool
51 dms, 10 tons, 17 cwts, 3 qtrs, 14 lbs, C Tennent Sons & Co, Scythia, Liverpool
100 dms, 4 tons, 18 cwts, 24 lbs, Robinson Wagner Co, Scythia, Liverpool
90 bbls, 18 tons, 12 cwts, 3 qtrs, 6 lbs, Scythia, Liverpool
30 bbls, 24 dms, Pfaltz & Bauer, Berlin, Bremen
150 bbls, Robinson Wagner Co, Gerolstein, Antwerp
GUM—675 bgs, Tomachichi, Adelaide
BENZOIN—15 cs, President Polk, Marseilles
8 cs, Ile de France, Havre
11 cs, A J Bracher & Co, Phemius, Belawan
CHICLE—21 bls, Chicle Development Co, Pan America, Port Spain
COPAL—300 bgs, Irving Trust Co, Gerolstein, Antwerp
500 bgs, Stroock & Wittenburg, Gerolstein, Antwerp
300 ogs, I Winterbourne & Co, Gerolstein, Antwerp
111 baskets, L N Jackson & Co, Phemius, Macassar
DAMMAR—50 cs, Stroock & Wittenburg, President Polk, Singapore
50 cs, Chase Natl Bank, President Polk, Singapore
210 bgs, Gillespie-Rogers-Pyatt Co, President Polk, Singapore
192 bgs, S Winterbourne & Co, President Polk, Singapore
100 cs, L N Jackson & Co, Phemius, Batavia
210 bgs, France, Campbell & Darling, Phemius, Singapore
GAMBOGE—4 cs, Phemius, Singapore
ELEMI—130 cs, American Cyanamid & Chem Co, President Pierce, Manila
GHATTI—2 bgs, American Merchant, London
GUAIAC—10 bbls, Mecke & Co, Polarland, Azua
KARAYA—140 bgs, Orbis Product Trading Co, President Polk, Bombay
200 bgs, Thurston & Braidich, President Polk, Bombay
334 bgs, Frank Vliet Co, President Polk, Bombay
34 bgs, President Polk, Bombay
LOCUST BEAN—30 cs, Innis, Speiden & Co, President Polk, Genoa
50 bgs, Stein, Hall & Co, President Polk, Genoa
40 bgs, President Polk, Genoa
120 bgs, 6 tons, 2 cwt, 16 lbs, Stein, Hall & Co, Scythia, Liverpool
OLIBANUM—39 cs, Frank Vliet Co, President Polk, Bombay
TRAGACANTH—10 bgs, 2,244 lbs, Frank Vliet Co, Deutschland, Hamburg
35 bgs, E Meer & Co, President Polk, Bombay
16 bgs, E Meer & Co, President Polk, Marseilles
41 cs, 173 bgs, E Meer & Co, American Merchant, London
GYPSUM—6,050 tons, U S Gypsum Co, Gypsum Empress, Windsor
2,200 tons, Atlantic Gypsum Prod Co, Evviva, Dingwall
CALCINED—421 bgs, Whitaker, Clark & Daniels, Gitano, Hull
HEMATITE AND MAGNETITE—11,000 tons, Bethlehem Steel Co, Firmore, Baiquiri
HOPS—10 bls, Schenker & Co, Scanmail, Gdynia
31 bls, Bode & Voigt, Deutschland, Hamburg
9 bls, Atlantic Forwarding Co, Deutschland, Hamburg
8 bls, Bing & Lust, Deutschland, Hamburg
5 cs, R F Downing & Co, Deutschland, Hamburg
37 bls, American Merchant, London
100 bls, Louis Lachmund & Co, American Merchant, London
5 bls, Scanyork, Gdynia
IPECAC ROOT—55 bgs, Alfaro Bros, Santa Barbara, Corinto
IRISH MOSS—5 bgs, California, Glasgow
50 bls, C H Reisig, Ile de France, Havre
25 bls, Peek & Velsor, Ile de France, Havre
100 bls, Innis, Speiden & Co, Ile de France, Havre
11 bls, Ile de France, Havre
IRON ORE—172 dms, Reichard-Coulston, American Shipper, Liverpool
OXIDE—15 cks, J A McNulty, American Shipper, Manchester
15 cks, T H Deutz, American Shipper, Liverpool
100 bgs, American Shipper, Liverpool
25 cks, J Lee Smith & Co, Gitano, Hull
MACE—5 cs, Frank Tea & Spice Co, Burgos, Grenada
5 cs, C T Wilson & Co, Burgos, Grenada
MAGNESIA, CALCINED—80 cs, 6 tons, 24 cwt, 2 qtrs, 31 lbs, Schofield-Donald Co, Scythia, Liverpool
CARBONATE—100 bgs, 2 tons, 6 cwt, 23 lbs, Schofield-Donald Co, Scythia, Liverpool
MANGROVE BARK — 2,013 bgs, 200 tons, Robin Gray, Zanzibar
EXTRACT — 4,042 bgs, Philippine Cutch Corp, President Polk, Manila
MATCHES, SAFETY—3,300 contrs, New York Match Co, Kungsholm, Gothenburg
MEDICINAL PREPS—2 cs, Burroughs, Wellcome & Co, American Merchant, London
MENTHOL—10 cs, Bridges, Neumer & Co, Gertrude Maersk, Shanghai
15 cs, Orbis Product Prod Co, Gertrude Maersk, Kobe
25 cs, Ungerer & Co, Gertrude Maersk, Kobe
10 cs, Charles Fischbeck Co, Gertrude Maersk, Kobe
MELLOW FLOWERS—5 bls, Gerolstein, Antwerp
METAL RESIDUE—234 bgs, Scanmail, Leningrad
MICA—10 cs, Scythia, Liverpool
30 cs, Pan America, Buenos Aires
4 cs, National City Bank, Pan America, Rio de Janeiro
11 cs, First National Bank of Boston, Pan America, Rio de Janeiro
24 cs, N M Auerbach, Pan America, Rio de Janeiro
10 cs, F L Watson, Pan America, Rio de Janeiro

MINERAL WHITE—400 bgs, Hammill & Gillespie, Gitano, Hull
MOLASSES—80,147 gls, National Sugar Refining Co, Seatrain New York, Havana
MYROBALANS EXTRACT—600 bgs, International Product Corp, Gitano, Hull
NEPHELIN CONCENTRATE—1 cs, 88 lbs, Amtorg Trading Corp, Scanmail, Leningrad
NICOTINE, INSECTICIDE—2 cs, Copex Co, American Merchant, London
NUTGALLS—490 bgs, Bingham & Co, Venice, Shanghai
NUTMEGS — 111 bgs, American Merchant, London
300 bgs, Thomas Scott & Co, Burgos, Grenada
20 bgs, G T German, Burgos, Grenada
50 bgs, McKesson & Robbins, Burgos, Grenada
50 bgs, C T Wilson & Co, Burgos, Grenada
35 bgs, Middleton & Co, Burgos, Grenada
100 bgs, Gillespie & Co, Burgos, Grenada
50 bgs, O Gerdau Co, Burgos, Grenada
NUX VOMICA—200 bls, Peek & Velsor, President Polk, Colombo
OIL, ALMOND—10 cs, Dodge & Olcott Co, President Polk, Marseilles
10 cs, J B Horner, President Polk, Marseilles
20 cs, Geo Lueders & Co, President Polk, Marseilles
10 cs, President Polk, Marseilles
ANISE—5 dms, W J Bush & Co, President Pierce, Hongkong
BAY—5 cs, D Steengrafe, Coamo, San Juan
CAMPHOR—84 dms, Mitsubishi-Shoji-Kaisha, Venice, Yokohama
25 dms, Orbis Product Trading Co, Gertrude Maersk, Kobe
100 dms, Dodge & Olcott Co, Gertrude Maersk, Kobe
CHINAWOOD—80 tons, L N Jackson & Co, Gertrude Maersk, Hankow
1,100 tons, Spencer Kellogg & Sons, Gertrude Maersk, Shanghai
CITRONELLA—8 dms, Continental Bank & Trust Co, President Polk, Colombo
CLOVE—8 dms, President Polk, Singapore
COD—52 cks, F W Damon, Fort Townshend, St Johns
296 dms, I D Irwin & Co, Deutschland, Hamburg
CODLIVER—100 dms, Consumers Import Co, Venice, Yokohama
2,104 dms, McKesson & Robbins, Gitano, Hull
300 dms, Gitano, Hull
CORN—498 dms, Corn Product Refg Co, Deutschland, Hamburg
120 bbls, Corn Product Refg Co, California, Glasgow
1,488 dms, Corn Product Refg Co, Gertrude Maersk, Kobe
COTTONSEED—267 dms, Argentina, Santos
ESSENTIAL—6 cs, Deutschland, Hamburg
35 pkgs, President Polk, Marseilles
8 dms, Santa Elena, San Jose de Guatemala
1 cs, 2 dms, American Merchant, London
3 cs, Titan Shipping Co, American Merchant, Havre
1 cs, Sarcoxie, Havre
96 cs, Ile de France, Havre
EUCALYPTUS—12 dms, W J Bush & Co, Tomachichi, Melbourne
30 dms, Dodge & Olcott Co, Tomachichi, Melbourne
FISH—107 dms, S Emy, Tenyo, Yokohama
100 dms, Atlantic Coast Fisheries Export Co, Gertrude Maersk, Yokohama
FUEL—70,000 bbls, Asiatic Petroleum Corp, Cardita, Montreal
71,915 bbls, Shell Terminal Corp, Mirza, Curacao
93,000 bbls, Standard Oil Co of N J, Pan Bolivar, Aruba
86,000 bbls, Standard Oil Co of N J, E G Seubert, Aruba
108,000 bbls, Standard Oil Co of N J, Heinrich Riedemann, Aruba
GERANIUM—10 dms, Eric Coupey, Robin Gray, Mombasa
1 dm, Chase Natl Bank, Exmouth, Algiers
2 dms, Corn Exchange Trust Co, Exmouth, Algiers
LEMON—10 cs, American Merchant, Havre
MINERAL—230 dms, Deutschland, Hamburg
OITICICA—325 dms, Algic, Fortaleza
OLIVE — 535 cs, 25 dms, President Polk, Genoa
110 cs, 110 dms, President Polk, Marseilles
30 dms, Banca Coml Italian Trust Co, Exmouth, Tarragona
55 cs, American Merchant, Havre
35 cs, Ile de France, Havre
OLIVE SULPHUR—200,000 kilos, Philadelphia Natl Bank, Lucia C, Bongie
ORANGE—20 cs, Barclay Bank, Toloa, Kingston
PALM—219 dms, Balfour, Guthrie & Co, Gitano, Hull
382 tons, Van Leeuwen, Boomkamp & Co, Phemius, Belawan
PEANUT—10 dms, Balfour, Guthrie & Co, Venice, Shanghai
PERILLA—quantity, Spencer Kellogg & Sons, Venice, Dairen
RAPESEED—100 dms, Mitsui & Co, Tenyo, Yokohama
100 dms, Balfour, Guthrie & Co, Venice, Kobe

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OIL, RAPESEED—50 dms, W R Grace & Co, Venice, Kobe
100 dms, W R Grace & Co, Venice, Nagoya
550 dms, Balfour, Guthrie & Co, Gitano, Hull
545 tons, Socony Vacuum Oil Co, Gitano, Hull
RESIDUE—130 bbls, Gerolstein, Antwerp
ROSEMARY—8 dms, Exmouth, Alicante
ROSEWOOD—30 dms, Ankara, Manaus
SOD—85 cks, C H Reisig, Gitano, Hull
SASSAFRAS—10 dms, Geo Lueders & Co, Gertrude Maersk, Kobe
23 dms, Ungerer & Co, Gertrude Maersk, Kobe
SUNFLOWER SEED—346 dms, Deutschland, Hamburg
TEASEED—50 dms, Venice, Shanghai
URIKURI KERNEL—210 dms, Swift & Co, Scanmail, Copenhagen
ORANGE PEEL—166 bgs, Exmouth, Alicante
20 cs, Greene Trading Co, American Merchant, London
PAPAIN—23 cs, Central Hanover Bank Trust Co, Queen Mary, Southampton
20 cs, S B Penick & Co, President Polk, Colombo
5 cs, President Polk, Colombo
PAPRIKA—25 bgs, J Raphael & Son, Lucia C, Trieste
15 bgs, Deutschland, Hamburg
30 bgs, Armour & Co, Exmouth, Alicante
25 bgs, Villar & Osorio, Exmouth, Alicante
50 cs, 200 bgs, Exmouth, Alicante
PEATMOSS—892 bls, Premier Peatmoss Corp, Scanmail, Copenhagen
540 bls, Amtorg Trading Corp, Scanmail, Leningrad
800 bls, Premier Peatmoss Corp, Deutschland, Hamburg
1,000 bls, Deutschland, Hamburg
2,900 bls, 60 cartons, Berlin, Bremen
320 bls, Premier Peatmoss Corp, Scanyork, Copenhagen
PEPPER, BLACK—468 bgs, Phemius, Batavia
RED—150 cs, Austin Nichols & Co, Berlin, Bremen
WHITE—162 bgs, Van Loan & Co, Phemius, Batavia
PETROLEUM, CRUDE—8,180 tons, Standard Oil Co of N J, Sylvafield, Caripito
68,032 bbls, Standard Oil Co of N J, Malmanger, Caripito
PHENOL—250 dms, 65,929 lbs, Amtorg Trading Corp, Scanmail, Leningrad
PIMENTO—200 bgs, National Trust Savings Bank, Toloa, Kingston
PITCH, STEARIN — 106 dms, S K Ketler, Gitano, Hull
PLASTER — 2,200 tons, Newark Plaster Co, Solhavn, Hillsboro
POTASH, CAUSTIC — 25 dms, 14,726 lbs, American Cyanamid & Chem Co, Deutschland, Hamburg
25 cs, Bergstrom Trading Co, Kungsholm, Gothenburg
CHLORATE—2,100 cks, 518,826 lbs, 100 dms, 24,002 lbs, Uniform Chem Prod Co, Deutschland, Hamburg
200 bbls, 25,261 lbs, International Selling Corp, Sarcoxie, Havre
SALT—8 bbls, Bergstrom Trading Co, Kungsholm, Gothenburg
SULPHOCYANIDE—5 kgs, Scythia, Liverpool
PURIFYING MASS—1 cs, 1 bbl, Advance Solvents & Chem Co, Europa, Bremen
PYRETHRUM FLOWERS—125 bls, Robin Gray, Mombasa
125 bls, S B Penick & Co, Venice, Kobe
QUEBRACHO EXTRACT—5,190 bgs, International Product Corp, Pan America, Buenos Aires
1,584 bgs, Tannin Corp, Pan America, Buenos Aires
QUICKSILVER—40 flasks, Chase Natl Bank, Yucatan, Vera Cruz
25 flasks, F W Pabst, Yucatan, Vera Cruz
QUINCE SEED—21 bgs, E Meer & Co, President Polk, Bombay
RAPESEED—331 bgs, Deutschland, Hamburg
1,741 bgs, J Loewith, Scanyork, Gdynia
RED, VENETIAN—50 pkgs, 8 tons, 2 qtrs, 24 lbs, J Lee Smith & Co, Scythia, Liverpool
ROOT, MEDICINAL—12 bls, R D Hines, Deutschland, Hamburg
24 bgs, President Polk, Marseilles
SAFFRON FLOWERS—2 cs, S B Penick & Co, Ile de France, Havre
SAFROL—15 dms, Mitsui & Co, Tenyo, Kobe
SALTCAKE—300 bgs, Advance Solvents & Chem Co, Geroistein, Antwerp
SANDALWOOD—23 pkgs, O Gerdau Co, Phemius, Macassar
SARDINE MEAL—1,120 bgs, H J Baker & Bros, Tenyo, Yokohama
SARSAPARILLA—1 bl, Grace Natl Bank, Platano, Porto Cortes
10 bls, Eggers & Heinlein, Platano, Porto Cortes
3 bls, P H Petry & Co, Platano, Barrios
SEEDS, MEDICINAL—13 bgs, 2,358 lbs, S B Penick & Co, Deutschland, Hamburg
16 bgs, Gerolstein, Antwerp
SENNA LEAVES—50 bls, Peek & Velsor, President Polk, Colombo
60 bls, J L Hopkins & Co, President Polk, Colombo
140 bls, President Polk, Colombo
SESAME SEED—149 bgs, President Polk, Bombay
22 bgs, Malko Bros, President Polk, Alexandria
200 bgs, President Pierce, Hongkong
360 bgs, Fervent Co, President Pierce, Shanghai
1,500 bgs, Public Natl Bank, Gertrude Maersk, Shanghai
300 bgs, Wessel, Duval & Co, Gertrude Maersk, Shanghai
SHELLAC—15 bgs, A Hurst & Co, Deutschland, Hamburg
40 bgs, A Hurst & Co, American Merchant, London
SLOE BERRIES—254 bgs, 44,682 lbs, Deutschland, Hamburg
SOAP BARK—917 bls, Wessel, Duval & Co, Paula, Valparaiso
227 bls, Duncan Fox & Co, Paula, Talcahuano
SOAP—30 cs, G Silver Import Co, Sarcoxie, Havre
MILLINGS—47 cs, Yardley & Co, American Merchant, London
SADDLE—80 cs, Solomon & Philipps, American Merchant, London

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SODA—2 cs, Merck & Co, Ile de France, Havre
CAUSTIC—40 cs, Bergstrom Trading Co, Kungsholm, Gothenburg
CYANIDE—660 cyls, Charles Hardy, Ile de France, Havre
SILICOFLUORIDE—150 bgs, H Sundheimer, Lucia C, Venice
80 bbls, Hummel Chem Co, Berlin, Bremen
SPERMACETI—250 cs, Banco Alem and Trans, Paula, Valpariso
SPONGES—25 bls, Oriente, Havana
52 bls, J E Bernard & Co, Santa Elena, Havana
28 bls, J H Rhodes & Co, Santa Elena, Havana
42 bls, Schroeder & Tremayne, Santa Elena, Havana
21 bls, Santa Elena, Havana
REFUSE—7 bls, Oriente, Havana
22 bls, J E Bernard & Co, Santa Elena, Havana
6 bls, Schroeder & Tremayne, Santa Elena, Havana
STARCH—30 cs, Atlantic Sales Co, American Merchant, London
STEARIN—200 bgs, Gerolstein, Antwerp
OLEO—97 cks, American Merchant, London
272 cks, Guaranty Trust Co, Argentino, Montevideo
134 cks, Pan America, Buenos Aires
269 bbls, Chase Natl Bank, Pan America, Buenos Aires
SUMAC EXTRACT—4 cks, American Dyewood Co, California, Glasgow
LEAF—200 bls, Lucia C, Palermo
TALC—4 bgs, President Polk, Genoa
1,000 bgs, East Asiatic Co, Venice, Shanghai
500 bgs, Ile de France, Havre
200 bgs, C B Chrystal & Co, Gertrude Maersk, Kobe
1,444 bgs, Gertrude Maersk, Kobe
TALLOW—250 cks, Guaranty Trust Co, Pan America, Montevideo
1,800 bbls, 281 cks, Pan America, Buenos Aires
559 bbls, Chase Natl Bank, Pan America, Buenos Aires
1,114 bbls, Guaranty Trust Co, Pan America, Buenos Aires
194 bbls, 77 cks, Gitano, Hull
1,100 tcs, Dagrun, Santos
409 tcs, 706 dms, Wilson Meats Ltd, Dagrun, Santos
139 cks, Dagrun, Buenos Aires
469 bbls, 423 dms, City of Flint, Dublin
168 pkgs, 136 cks, 784 bbls, 1,465 dms, City of Flint, Liverpool
138 bbls, 283 dms, 374 cks, American Shipper, Liverpool
270 bbls, American Shipper, Belfast
330 bbls, Guaranty Trust Co, American Merchant, London
330 pkgs, 735 dms, 903 cks, 1,237 bbls, American Merchant, London
197 dms, Guaranty Trust Co, Argentino, Montevideo
280 cks, Argentino, Montevideo
953 dms, Tomachichi, Sydney
1,192 cks, Tomachichi, Brisbane
219 dms, Tomachichi, Adelaide
1,525 dms, Tomachichi, Melbourne
171 cks, 398 dms, Scythia, Liverpool
TANKAGE—3,000 bgs, Argentino, Santos
2,000 bgs, 3,407 cakes, Argentino, Montevideo
885 bgs, Swift & Co, Pan America, Buenos Aires
2,500 bgs, Pan America, Buenos Aires
TAPIOCA FLOUR—1,638 bgs, Corn Product Refg Co, Polarland, Puerto Plata
3,282 bgs, Stein, Hall & Co, Phemius, Sourabaya
350 bgs, Stein, Hall & Co, Phemius, Cheribon
260 bgs, H P Winter & Co, Phemius, Batavia
2,279 bgs, Stein, Hall & Co, Phemius, Batavia
547 bgs, Stein, Hall & Co, Phemius, Sourabaya
TAR—35 cks, 17,980 lbs, Amtorg Trading Corp, Scanmail, Leningrad
TARTAR—149 bgs, Charles Pfizer & Co, Lucia C, Trieste
1,600 bgs, Charles Pfizer & Co, Lucia C, Barletta
TITANIUM ORE—750 bgs, Argentino, Santos
TONKA BEANS—2 cs, Machado & Co, Astrea, Porto Cabello
138 cks, 17 pipes, 37 pkgs, American Tobacco Co, Burgos, Trinidad
TRICHLORETHYLENE—40 bbls, International Selling Corp, Ingria, Marseilles
TUBA ROOT—32 bls, Dodwell & Co, President Polk, Singapore
20 bls, Chase Natl Bank, President Polk, Singapore
25 bls, Phemius, Singapore
TUNGSTEN ORE—2,000 bgs, Wah Chang Trading Corp, Tenyo, Hongkong
TURPENTINE—14 bbls, W J Bush & Co, American Merchant, London
VALONIA—5 bgs, American, Merchant, London
VANILLA BEANS—48 cs, Guaranty Trust Co, Queen Mary, Southampton
56 cs, Tradesman Natl Bank Trust Co, Queen Mary, Southampton
47 cs, Chase Natl Bank, President Polk, Singapore
14 cs, Brown Bros-Harriman Co, President Polk, Singapore
30 cs, Irving Trust Co, President Polk, Marseilles
73 cs, Guaranty Trust Co, President Polk, Marseilles
26 cs, National City Bank, President Polk, Marseilles
60 cs, President Polk, Marseilles
36 cs, Thurston & Braidich, Yucatan, Vera Cruz
15 cs, Yucatan, Vera Cruz
CUTS—22 cs, Thurston & Braidich, Yucatan, Vera Cruz
1 cs, Yucatan, Vera Cruz
WATER, MINERAL—1,000 cs, E & J Burke, Ingria, Marseilles
100 cs, E J Petrosemolo, President Polk, Genoa
105 cs, Meadows, Wye & Co, American Merchant, London
30 cs, Hahn & Wessel, Ile de France, Havre
WATTLE BARK — 3,286 bls, Hammond & Carpenter, Chincha, Durban
3,340 bls, Roesling, Monroe & Co, Chincha, Mombasa
WAX, BEES—20 bgs, Porcella, Vicini & Co, Oriente, Havana
12 bgs, Lenape Trading Co, Oriente, Havana
24 bgs, Will & Baumer Candle Co, Oriente, Havana
16 bgs, Duncan, Fox & Co, Paula, Talcahuano
2 bgs, Porcella, Vicini & Co, San Jacinto, Porto Plata
3 bgs, Carr Bros, San Jacinto, Porto Plata
3 bgs, A S Marques, Polarland, Ciudad Trujillio
32 bgs, Mecke & Co, Polarland, Azua
36 bgs, Machado & Co, Polarland, Sanchez
6 bgs, Machado & Co, Polarland, Puerto Plata
3 bgs, D Steengrafe, Manuela, San Juan
25 bgs, D Steengrafe, Oradell, Santiago
MONTAN—825 bgs, 127,050 lbs, Strohmeyer & Arpe Co, Deutschland, Hamburg
OZOKERITE—59 bgs, Strohmeyer & Arpe Co, Lucia C, Trieste
100 bgs, Heemsoth, Pinckes & Kerner, Deutschland, Hamburg
REFINED—4,235 bgs, Standard Oil Co of N J, Phemius, Batavia
WAX, SPERMACETI—100 cs, California, Glasgow
VEGETABLE—200 cs, Strohmeyer & Arpe Co, Tenyo, Moji
250 cs, Mitsui & Co, Tenyo, Kobe
50 bgs, A Hurst & Co, American Merchant, London
50 bgs, Wessel, Duval & Co, Buenaventura, S P Ports
WITHERITE—2,000 bgs, E I Du Pont de Nemours Co, Gitano, Hull
YEAST—10 cs, Vulkan Yeast Co, Deutschland, Hamburg
BAKERS—100 bbls, Vulkan Yeast Co, Deutschland, Hamburg
BREWERS—200 bgs, Berlin, Bremen
ZINC OXIDE—40 cks, 10,912 lbs, State Chem Co, Scanmail, Gdynia
45 cks, 13,640 lbs, Deutschland, Hamburg
10 cks, 2,706 lbs, C B Chrystal & Co, Scanyork, Gdynia

New York Transit Imports

ARCHIL LIQUID—1 ck, 7 cwts, 3 qtrs, 8 lbs, G W Sheldon & Co, Scythia, Liverpool, Chicago
CASSIA—200 bls, American Spice Mills, President Pierce, Hongkong, Chicago
ISINGLASS—24 cs, G W Sheldon & Co, American Merchant, London, Chicago
OIL, OLIVE—100 bbls, Ingria, Nice, Chicago
PYRETHRUM FLOWERS—245 bls, First Natl Bank Trust Co, Chincha, Mombasa, Minneapolis
125 bls, McKesson & Robbins, Gertrude Maersk, Kobe, Bridgeport
SPONGES—8 bls, Santa Elena, Havana, London
43 bls, Santa Elena, Havana, Havre
REFUSE—16 bls, Santa Elena, Havana, London

Baltimore Imports

ALUMINUM POWDER—50 dms, Baltimore & Ohio R R Co, City of Newport News, Bremen
4 dms, 2 cs, Trans Seas Shipping Co, City of Newport News, Hamburg
ARSENIC—1,620 bbls, General Chemical Co, City of Newport News, Hamburg
BONEMEAL—2,180 bgs, Laura C, Trieste
BRONZE POWDER—30 dms, Baltimore & Ohio R R Co, City of Newport News, Bremen
4 cs, Trans Seas Shipping Co, City of Newport News, Hamburg
CASEIN—250 bgs, Pipestone County, Havre
334 bgs, City of Newport News, Southampton
CHEMICALS — 1,000 bgs, City of Newport News, Bremen
10 cs, Baltimore & Ohio R R Co, City of Newport News, Bremen
353 bgs, F H Shallus Co, City of Newport News, Hamburg
FERROCHROME—250 cs, Kwanto, Tokio
FERROMANGANESE—500 cs, Kwanto, Tokio
IRON, ORE—8,352 tons, Leonard J Buck, Maloja, Lulea
7,609 tons, Leonard J Buck, Lulea, Narvik
21,600 tons, Bethlehem Steel Corp, Chilore, Cruz Grande
7,511 tons, Leonard J Buck, Laponia, Narvik
MANGANESE ORE—6,900 tons, Amtorg Trading Co, Maria, Poti
MOLASSES—1,333,128 gls, Cuba Distilling Co, Cassimir, Nuevitas
1,406,320 gls, Cuba Distilling Co, Carrabulle, Humacao
OCHER—15 cks, S Shapiro & Co, Estrella, Marseilles
PAINT, DRY EARTH—34 bgs, E M & F Waldo, Laura C, Trieste
PEATMOSS—1,775 bbls, City of Newport News, Bremen
PETROLEUM, CRUDE—75,000 bbls, Mexican Petroleum Corp, Franklin K Lane, Aruba
TALC—275 bgs, Hammill & Gillespie, Pipestone County, Bordeaux

Boston Imports

ACID, CRESYLIC—26 dms, 5 tons, 11 cwt, 21 lbs, City of Flint, Liverpool
STEARIC—267 triple bgs, 20 tons, 14 cwt, 23 lbs, Scythia, Liverpool
CADMIUM, ELECTROLYTIC—40 cs, 4,777 lbs, Associated Metals & Minerals Corp, Black Eagle, Antwerp
CAROB FLOUR—120 bgs, 24,251 lbs, Exeter, Marseilles
50 bls, B H Old, Co., Tai Ping Yang, Hongkong
CHEMICALS—284 cs, 76,584 lbs, Frankenwald, Hamburg
31 csks, 23,916 lbs, ntfy, Innis Speiden & Co, Frankenwald, Hamburg
182 dble bgs, 40,525 lbs, Stone & Downer, Frankenwald, Hamburg
100 dms, 12,125 lbs, Irving M Sobin Co, Black Eagle, Antwerp
84 dmjns, 128 dms, 71,650 lbs, Black Eagle, Rotterdam
350 bgs, 56,504 lbs, Curio Sievers, Black Eagle, Rotterdam
50 csks, 23,589 lbs, Advance Solvents & Chemical Corp, Black Eagle, Rotterdam
COCOANUT, DESICCATED—200 cs, Connell Bros, Tai Ping Yang, Davao
120 pkgs, Cooperative Cocoanut Products, Tai Ping Yang, Manila
EMERY FILLET—1 cs, C E Quinn, Scythia, Liverpool
2 cs, C H Powell Co, American Shipper, Liverpool
1 cs, Atkinson Haserick & Co, American Shipper, Liverpool
FILTER MASSE—10 bls, 1,198 lbs, J O Whitten Co, Black Eagle, Rotterdam
FISH LIVERS—1 cs, H M Crocker, Evangeline, Yarmouth
16 cs, from Nova Scotia
3 cs, J A Rich, Evangeline, Yarmouth
1 cs, O K Service III, Louisburg, N S
9 cs, R S Hamilton, Saint John, St John, N B
1 cs, J A Rich, Saint John, St. John, N B
GINGER ROOT—3 bskts, Quong Wah Lung, Tai Ping Yang, Hongkong
GLASS, PLATE—10 cs, 36,662 lbs, Karas & Karas Glass Co, Black Eagle, Antwerp
GLUE, POWD—79 bgs, 8,971 lbs, Black Tern, Antwerp
GLUESTICK, FISH SCRAP—4 bbls, 7 bxs, Yarmouth, Yarmouth
15 bbls, John Nagle, Evangeline, Yarmouth
HIDE CLIPPINGS—469 bgs, American Shipper, Manchester
GREASE, WOOL—300 dms, First National Bank, American Shipper, Manchester
100 bbls, Kidder, Peabody & Co, American Shipper, Manchester
50 bbls, American Shipper, Liverpool
50 bbls, 10 tons, 5 cwt, 3 qr, 10 lbs, City of Flint, Liverpool
500 dms, 104 tons, 3 cwt, 2 lbs, First National Bank, City of Flint, Liverpool
HERBS, AROMATIC—1 cs, 128 lbs, American Express Co, Exeter, Genoa
IRON, OXIDE—10 csks, Joseph A McNulty, American Shipper, Manchester
MARMORITE—3 cs, 9,016 lbs, Jacob Rubin & Sons, Black Eagle, Antwerp
MILK, POWD—110 csks, 1,760 bgs, 203,021 lbs, Black Eagle, Rotterdam
OCHER—12 csks, 7,216 lbs, Exeter, Marseilles
OIL, COD—100 dms, 44,092 lbs, Frankenwald, Hamburg
CODLIVER—25 dms, 6,338 lbs, M F Foley, Black Eagle, Rotterdam

OIL, FUEL—18,000 bbls, Colonial Beacon Oil Co, Livingston Roe, Aruba
OLIVE—175 cs, 18,078 lbs, Prince Macaroni Mfg Co, Exeter
390 cs, 45,538 lbs, S S Pierce Co, Exeter, Genoa
PEANUT—65 cs, Quong Wah Lung, Tai Ping Yang, Hongkong
RAPESEED, REF—100 dms, W R Grace Co, Tai Ping Yang, Kobe
OSSEIN—1,425 bgs, 193,396 lbs, Black Eagle, Antwerp
1,700 bgs, 190,389 lbs, J O Whitten, Black Tern, Antwerp
PEATMOSS—125 bls, 20,062 lbs, Frankenwald, Bremen
400 bls, 63,161 lbs, L E Page, Frankenwald, Bremen
950 bls, 146,738 lbs, Frankenwald, Bremen
PETROLEUM, CRUDE—60,362 bbls, 9,099 tons, Colonial Beacon Oil Co, Livingston, Roe, Las Piedras
80,268 bbls, 11,778 tons, Colonial Beacon Oil Co, W H Libby, Caripito
POTASH, MURIATE—1,078,490 lbs, First National Bank, Black Tern, Antwerp
SAGO FLOUR—370 bgs, Arnold Hoffman & Co, Madoera, Singapore
SAND, FURNACE—400 bgs, 62,611 lbs, Black Eagle, Rotterdam
SHELLAC—30 bgs, 5,053 lbs, J Henry Schroeder Banking Corp, Frankenwald, Hamburg
SILICON CARBIDE SIKA—143 csks, 34,678 lbs, American Abrasive Co, Frankenwald, Bremen
SODA, COMPOUND—22 cks, 10 tons, 6 cwt, J P Marston Co, City of Flint, Manchester
PRUSSIATE—19 csks, 12,728 lbs, Black Eagle, Rotterdam
STARCH—400 bgs, 44,092 lbs, ntfy, A M Meincke Co, Black Eagle, Rotterdam
POTATO—250 bgs, 55,115 lbs, Black Eagle, Rotterdam
150 bgs, 32,849 lbs, Arnold Hoffman & Co, Black Eagle, Rotterdam
TALC—100 bgs, 22,046 lbs, L A Salomon & Bros, Exeter, Marseilles
TAPIOCA FLOUR—352 bgs, 111,907 lbs, Greystoke Castle, Pasoeroean
502 bgs, 111,851 lbs, Guaranty Trust Co, Greystoke Castle, Cheribon
1,605 pkgs, 339,034 lbs, Balfour, Guthrie & Co, Greystoke Castle, Pamanoekan
1,155 bgs, 257,671 lbs, Guaranty Trust Co, Greystoke Castle, Batavia
535 bgs, Balfour, Guthrie & Co, Madoera, Pamanoekan
250 bgs, Chase National Bank, Madoera, Cheribon
500 bgs, Arnold Hoffman Co, Madoera, Cheribon
248 bgs, Guaranty Trust Co, Madoera, Sourabaya
2,187 bgs, 453,233 lbs, National City Bank, Phemius, Sourabaya
1,000 bgs, 223,362 lbs, Guaranty Trust Co, Phemius, Batavia
TOILET PREP'S—2 cs, Lever Bros Co, Scythia, Liverpool
WATER, MINERAL—35 cs, 6,592 lbs, Stone & Downer, Black Eagle, Rotterdam
WAX, CRUDE—200 bgs, 33,069 lbs, American Cynamid & Chemical Corp, Frankenwald, Hamburg
ZINC, CHLORIDE—20 cyld, 11,464 lbs, Philipp Bros, Black Tern, Antwerp

Houston Imports

COPPERAS—518 bgs, Bruxelles, Antwerp
FERTILIZER—100 tons, Waban, Rotterdam
GLASS, WINDOW—63 cs, Borkum, Hamburg
OIL, WHITE—25 dms, Borkum, Hamburg
SODA CHLORATE—1,000 dms, Borkum, Hamburg
CHLORATE POWDER—908 dms, Borkum, Hamburg
SODA SILICOFLUORIDE—80 bbls, Borkum, Hamburg

Los Angeles Imports

ALUM-POTASH-CHROME—3,720 lbs, Nictheroy, Hamburg
AMMONIA, SULPHATE—250,000 lbs, Koyei, Kobe
BLEACHING POWDER — 11,940 lbs, Elbe, Frankfurt
BONE MEAL—112,000 lbs, San Diego, Antwerp
CHEMICAL COMPOUND — 310 lbs, Asama, Yokohama
120 lbs, Koyei, Kobe
CHINA CLAY—370,300 lbs, Nictheroy, Plymouth
CHROME ORE—17,930 lbs, Somerville, Manila
CLAY—8,960 lbs, Nictheroy, Ransbash
BALL—360,640 lbs, Nictheroy, Plymouth
COALTAR PROD—30 lbs, Koyei, Kobe
COPPERAS—24,800 lbs, Elbe, Antwerp
COPRA — 11,650 lbs, Hopecrest, Philippine Islands
1,344,000 lbs, Golden Mountain, Legaspi
345,700 lbs, Golden Mountain, Manila
MEAL — 600,000 lbs, President Coolidge, Manila
1,000,000 lbs, Golden Mountain, Philippine Islands
EPSOM SALT—43,760 lbs, Elbe, Berlin
FERTILIZER—60,000 lbs, Koyei, Kobe
200,000 lbs, Koyei, Yokohama
COMPOUND—700,000 lbs, Koyei, Kobe
FISH MEAL—400,000 lbs, Nitwo, Japan
100,000 lbs, Rochelle, Vancouver
GINGER—500 lbs, President Coolidge, Canton
1,000 lbs, Nictheroy, Hamaica
GLASS, SHEET — 53 cs, 15,000 lbs, Elbe, Brussels
2 cs, 470 lbs, San Diego, Charleroi
GUM, DAMMAR—5,730 lbs, President Coolidge, Macassar
HEMPSEED—200,000 lbs, President Coolidge, Dairen
INSECTICIDES—1,100 lbs, Nictheroy, Rotterdam
LINSEED MEAL—400,000 lbs, Koyei, Kobe
MAGNESIA, CARBONATE—5,250 lbs, Pacific Grove, Newcastle-Tyne
SILICOFLUORIDE — 20,720 lbs, Nictheroy, Rotterdam
MEDICINAL PREP'S—45 lbs, Koyei, Kobe
30 lbs, Koyei, Yokohama
5 lbs, President Coolidge, Shanghai
OIL, CHINAWOOD—23,100 lbs, Asama, Hongkong
COTTONSEED—1,015,310 lbs, Koyei, Kobe
355,240 lbs, Hardanger, Pernambuco
447,150 lbs, Hardanger, Santos
KAPOKSEED—498,660 lbs, Koyei, Kobe
LUBRICATING—2,720 lbs, Elbe, Hamburg
OLIVE—10,070 lbs, President Monroe, Genoa
PALM—1,920 lbs, Roseville, Medan
PERILLA—60,000 lbs, Koyei, Kobe
RAPESEED—40,000 lbs, Koyei, Kobe
80,000 lbs, Heiyo, Nagoya
80,000 lbs, Heiyo, Kobe
TEASEED — 82,000 lbs, Gertrude Maersk, Hongkong
VEGETABLE—30,000 lbs, Koyei, Kobe
40,000 lbs, Mitwo, Kobe
OXIDE, NATL—1,120 lbs, Gracia, London
PAPRIKA—11,000 lbs, Nictheroy, Valencia
PEATMOSS—105,280 lbs, Elbe, Bremen
PETROLEUM, CRUDE—2,180 lbs, Elbe, Hamburg
PIMENTOS, ALLSPICE—2,200 lbs, Nictheroy, Hamaica
POTASH, SULPHATE—600,320 lbs, Elbe, Hamburg
RAPESEED—10,990 lbs, Elbe, Hamburg
11,000 lbs, Elbe, Antwerp
10,000 lbs, Heranger, Antwerp
SARDINE MEAL—100,000 lbs, Koyei, Tokio
154,560 lbs, Koyei, Kobe
105,280 lbs, Koyei, Yokohama
SEAWEED MEAL—40,000 lbs, Nitwo, Tokio
SESAME SEED—622,000 lbs, Asama, Shanghai
35,000 lbs, President Coolidge, Hongkong
SILVERSAND—1,120,000 lbs, San Diego, Antwerp
SOAP, POWDER—60 lbs, Koyei, Kobe
TOILET—50 lbs, Tenyo, Kobe
SODA, BICARBONATE—22,400 lbs, Heiyo, Nagasaki
CYANIDE—606,820 lbs, Nictheroy, Frankfort
STARCH, POTATO—500 lbs, Koyei, Kobe
SUPERPHOSPHATE—499,990 lbs, Koyei, Kobe
TANKAGE—9,990 lbs, Hardanger, Buenos Aires
201,980 lbs, Hardanger, San Paulo
TOILET PREP'S—120 lbs, Koyei, Yokohama
WATER—90 lbs, Koyei, Kobe

Mobile Imports

BAUXITE ORE—2,765 tons, Ramo, Paramaribo

New Orleans Imports

BAUXITE ORE 2,514 tons, Republic Mining & Mfg Co, Austvangen, Paramaribo
2,218 tons, Republic Mining & Mfg Co, Phoenix, Paramaribo
CHEMICALS—125 dms, Geo Wm Rueff, West Camak, Rotterdam
120 dms, West Camak, Rotterdam
COCONUTS—125 sks, S Hyman, Cefalu, Cristobal
200 sks, Benham Co, Sixaola, Cristobal
66 sks, Fruit Dispatch Co, Baja California, Swan Island
COHUNE KERNELS—4,035 sks, Vegetable Oil Corp, Lysefjord, Belize
COPRA—2,498 tons, Procter & Gamble, Aquarius, Cebu
FERTILIZER—2,000 sks, J Jett, West Camak, Rotterdam
FILTERING COMPOUND—12 cs, City of Omaha, Hamburg
GLASS, WINDOW—5 cs, City of Omaha, Hamburg
MOLASSES—840,004 gls, Commercial Molasses Corp, Amolco, Havana
NAPHTHALENE—472 sks, Michigan, Antwerp
OIL, CODLIVER—1,000 dms, Michigan, Antwerp
FUEL—98,000 bbls, Standard Oil Co, W C Teagle, Aruba
OLIVE—25 cs, Cardonia, Seville
SUNFLOWER—150 dms, West Camak, Rotterdam
PAINT—54 cs, United Fruit Co, Sixaola, Cristobal
PEATMOSS—749 bbls, 8 ctns, Peat Import Corp, City of Omaha, Bremen
500 bls, City of Omaha, Hamburg
SALTCAKE—1,000 tons, Bank of Manhattan, Michigan, Antwerp

Norfolk Imports

ACID, ACETIC RESIDUE—65 cs, 29,382 lbs, Black Condor, Antwerp
BONES—337 bgs, 24 tons, 19 cwt, 4 qtrs, Hafleigh & Co, Cold Harbor, Cork
CASTOR MEAL—5,700 bgs, 455 tons, H J Baker & Bros, Yselhaven, Antwerp
FERTILIZER COCOA RESIDUE—6,237 bgs, Boschdyk, Rotterdam
ROCK—2,000 tons, Atlantic Gypsum Pwd Co, Marpesia, Walton
MANGANESE ORE—8,750 tons, Electro Metallurgical Co, Clearpool, Takoradi
OIL CREOSOTE—2,000 tons, Havsten, Antwerp
PALM—780 tons, Madoera, Sourabaya
PHOSPHATE PRECIP—1,250 bgs, Yselhaven, Antwerp
POTASH, MANURE SALT—274 tons, Yselhaven, Antwerp
MURIATE—1,909 tons, Yselhaven, Antwerp
SULPHATE—7,000 bgs, 630 tons, Yselhaven, Antwerp
SALTCAKE—127 cks, 25 tons, City of Newport News, Hamburg
SODA NITRATE—4,800 tons, Chilean Nitrate Sales Corp, Tercero, Tocopilla
TALC—250 bgs, 23 tons, Whittaker Clark & Daniels, Pipestone County, Bordeaux
200 bgs, 18 tons, C B Chrystal & Co, Pipestone County, Bordeaux
1,100 bgs, 108 tons, L A Salamon & Bros, Pipestone County, Bordeaux
TAPIOCA FLOUR—3,498 bgs, Guaranty Trust Co, Madoera, Sourabaya

Philadelphia Imports

ACID, CRESYLIC—100 dms, Barrett Co, City of Flint, Manchester
45 dms, Barrett Co, City of Flint, Liverpool
272 dms, City of Flint, Liverpool
LINSEED OIL—60 dms, Loos & Dilworth, Frankfurt, Hamburg
500 dms, Beemstrdyk, Rotterdam
150 dms, Half Moon Manufacturing & Trading Co, Beemstrdyk, Rotterdam
220 dms, Harshaw Chemical Co, Beemstrdyk, Rotterdam
100 dms, J Good, Beemstrdyk, Rotterdam
500 dms, Irving R Boody Co, Beemstrdyk, Rotterdam
BAUXITE, CRUDE—2,366 tons, Aluminum Union; Christian Krohg, Georgetown, Demerara, B G
BOG ORE—840,000 kilos, Waukegan, Hamburg
BOILER LAGGING—120 bgs, Keasby & Mattison Co, City of Flint, Liverpool
CANARY SEED—250 bgs, G Dunn, Cubano, Buenos Aires
CASEIN—333 bgs, Chemical Bank & Trust Co, Pinestone County, Bordeaux
CASSIA—100 bls, R T French Co, Nagara Maru, Hongkong
ROLLS—100 bls, L H Parke Co, Nagara Maru, Hongkong
CHEMICALS—150 bgs, Frankfurt, Bremen
250 bgs, Philipp Bauer Co, Frankfurt, Hamburg
5 cks, T W Hampton Jr & Co, Frankfurt, Hamburg
25 dms, Beemstrdyk, Rotterdam
51 dms, American Cyanamid & Chemical Corp, Beemstrdyk, Rotterdam
25 cks, P Bauer Co, Beemstrdyk, Rotterdam
150 cks, Beemstrdyk, Rotterdam
350 dms F B Vandegrift & Co, Beemstrdyk, Rotterdam
30 bgs, Beemstrdyk, Rotterdam
CHINA CLAY—55,622 kilos, United Clay Mines Corp, Beemstrdyk, Rotterdam
225,000 kilos, Enterprise White Clay Co, Frankfort, Hamburg
CHROME ORE—5,309.80 tons, Cuban Industrial Ore Co, Snar, Nuevitas
CLAY, FIRE—200,000 kilos Enterprise White Clay Co, Frankfurt, Hamburg
TILE—75,000 kilos, Enterprise White Clay Co, Frankfurt, Hamburg
COALTAR DISTILLATE — 5 dms, Monsanto Chemical Co, City of Flint, Liverpool
PITCH—124 dms, Florence Pipe Foundry & Machine Co, City of Flint, Manchester
COCOA BEANS—6,000 bgs, National City Bank, Scotia, Ilheos
13,500 bgs, Scotia, Ilheos
1,000 bgs, Royal Bank of Canada, Scotia, Ilheos
4,500 bgs, Guaranty Trust Co, Scotia, Ilheos
CORIANDER SEED—204 bgs, R T French Co, Exmouth, Casablanca (transhipped at N Y from Examelia)
CORKS—45 bls, Armstrong Cork Co, Exmouth, San Feliu de Guixols
BOARD—1 bl, Armstrong Cork Co, Exmouth, San Feliu de Guixols
DISCS—15 bls, Armstrong Cork Co, Estrella, Seville
WOOD—4,356 bls, Penna Trading Co, Laura C, Tabaria
600 bls, Armstrong Cork Co, Estrella, Seville
907 bls, Armstrong Cork Co, Estrella, Lisbon
CUTTLEFISH BONES—97 cs, Estrella, Marseilles
FERROMANGANESE—203,200 kilos, Scanmail, Gdynia
FLAXSEED—2,032,000 kilos, Bunge North Amer Grain Co., Cubano, Mar del Plata
FLUORSPAR, GRAVEL—431,800 kilos, Wm H Muller & Co, Exmouth, San Feliu de Guixols
FULLERS EARTH—100 bgs, L A Salomon & Bro, Waukegan, London
GLASS, WINDOW—382 cs, Waukegan, Hamburg
GLYCERIN—40 dms, Beemsterdijk, Rotterdam
GREASE—12 crates, 4 cs, S K F Industries, Scanmail, Copenhagen
GUM COPAL—172 baskets, National City Bank, Silverteak, Macassar
DAMMAR—100 cs, Chase Nat'l Bank, Silverteak, Batavia
GYPSUM, CRUDE—6,200 tons, U S Gypsum Co, Gypsum Queen, Windsor, N S
HOPS—5 bls, Frankfurt, Bremen
IRON ORE, GROUND—40 cks, Frankfurt, Bremen
OXIDE—375 bbls, F B Vandegrift & Co, Estrella, Malaga
80 bbls, Harshaw Chemical Co, Estrella, Malaga
MAGNESITE—1,028 bgs, General Magnesite & Magnesia Co, Beemsterdijk, Rotterdam
MENTHOL—25 cs, Bridge, Nuemer & Co, Nagara, Kobe
MILK POWDER—800 bgs, Marine Midland Trust Co, Beemsterdijk, Rotterdam
600 bgs, Balfour, Guthrie & Co, Beemsterdijk, Rotterdam
MOLASSES—1,453,621 gls, Cuba Distilling Co, Catahoula, Fajardo, P R
MYROBALANS—8,000 pockets, Tampa, Calcutta
400 bgs, Guaranty Trust Co, Tampa, Bombay
NAPHTHALENE—499 bgs, Barrett Co, City of Flint, Manchester
250 bgs, Barrett Co., City of Flint, Liverpool
OIL, COCOANUT—(crude) 513,329 tons, Philippine Refining Corp, Silverteak, Cebu
CODLIVER—100 dms, 25 bbls, Waukegan, Hull
165 dms, Dichmann, Wright & Pugh, Frankfurt, Hamburg
50 dms, Beemsterdijk, Rotterdam
FUEL—1 kg, A G McKee, Pipestone County, Havre
PALM KERNEL—50 dms, Frankfurt, Hamburg
PERILLA—324.5 tons, Pacific Vegetable Oil Corp, Nagara Maru, Kobe
RAPESEED—326.6 tons, Socony Vacuum Oil Co, Nagara Maru, Kobe
700 dms, Otto A C Hagen, Waukegan, Hull
SULPHUR, OLIVE—200 dms, Banca di Napoli Trust Co, Estrella, Malaga
250 bbls, Estrella, Lisbon
150 bbls, Central Hanover Bank & Trust Co, Estrella, Lisbon
7,000 kilos, Phila Nat'l Bank, Lucia C Bougie
119,800 kilos, Phila Nat'l Bank, Lucia C, Oran
OLEIN—104 dms, Beemsterdijk, Rotterdam
PAPRIKA—100 bgs, 25 cs, L H Parke Co, Exmouth, Alicante
PEATMOSS—1,400 bls, Frankfurt, Bremen
925 bls, Premier Peat Moss Corp, Scanmail, Copenhagen
452 bls, Amtorg Trading Corp, Scanmail, Leningrad
PEPPER, BLACK—246 bgs, Irwin Harrisons Whitney, Silverteak, Oosthaven
WHITE—162 bgs, Catz American Co, Silverteak, Batavia
PETROLEUM, CRUDE—114,760 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
91,895 bbls, Gulf Oil Corp, Gulfwax, Las Piedras
24 dms (samples), Gulf Oil Corp, Gulfwax, Las Piedras
RAPESEED — 406,000 kilos, Bunge North American Grain Co, Cubano, Buenos Aires
711,200 kilos, Bunge North American Grain Co, Cubano, Mar del Plato
SAGE, GREEN—89 bls, Lucia C, Trieste
SAGO FLOUR—1,107 bgs, Guaranty Trust Co, Greystoke Castle, Singapore
SILICA—40 bgs, American Abrasive Co, Pipestone County, Bordeaux
SODA SILICOFLUORIDE—40 bbls, H Kohnstamm & Co, Frankfurt, Hamburg
400 bgs, Harshaw Chemical Co, Frankfurt, Hamburg
TALC—10 bgs, City of Flint, Liverpool
TAPIOCA FLOUR—1,103 bgs, Merchants National Bank, Greystoke Castle, Pasoeroean
1,488 bgs, Stein, Hall & Co, Greystoke Castle, Cheribon
511 bgs, Stein, Hall & Co, Greystoke Castle, Batavia
500 bgs, Trojan Powder Co, Silverteak, Tegal
TRICOSAL INTERMEDIARY PRODUCT—125 cks, Rohm & Haas, Frankfurt, Hamburg
WAX, CARNAUBA—56 bgs, Chase National Bank, Dacre Castle, Ceara
OZOKERITE—20 bgs, Kuhne, Libby & Co, Frankfurt, Hamburg
WITHERITE—75 tons, Waukegan, Hull

Portland, Ore., Imports

AGAR AGAR—10 bls, First Nati Bank of Portland, General Lee, Kobe
CLAY—100 sks, L A Salomon & Bros, Seattle, Hamburg
GINGER ROOT—3 cs, Kwong Mau Yuck, General Lee, Hongkong
OIL, CREOSOTE—1,373 tons, Bernuth Lembcke & Co, Gustaf D Reuter, Cardiff
LUBRICATING—15 dms, Drechtdijk, Rotterdam
PEANUT—10 cs, Kwong Mau Yuck, General Lee, Hongkong
PETROLEUM, REF'D—55 dms, Oregon Marine Supply Co, Seattle, Hamburg
SESAME SEED—35 sks, S L Jones & Co, General Lee, Hongkong
STARCH—10 cs, Kwong Mau Yuck, General Lee, Hongkong
TAPIOCA FLOUR—222 sks, Geo S Bush & Co, Silverbelle, Sourabaya
WHITING, BOLTED—20 cks, East Asiatic Co, Canada, Copenhagen
LUMP—18 cks, East Asiatic Co, Canada, Copenhagen

San Francisco Imports

ACID, FATTY—300 sks, Mitsubishi Shoji Kaisha, Asama, Kobe
AGAR AGAR—10 bls, American Commerce Co, Asama, Kobe
ALCOHOL—120 dms, Manoa, Honolulu
BONE MEAL, RAW—1,120 sks, Willits & Co, Asama, Calcutta
BRISTLES—65 cs, B C Ritchie, President Coolidge, Tientsin
CASSIA—400 bls, S L Jones & Co, President Coolidge, Hongkong
100 bls, A Schilling & Co, President Coolidge, Hongkong
CHALK, CRUDE—150 tons, Pacific National Bank, Laurits Swenson, Brevik
CHROME IRON ORE—357 tons, Balfour, Guthrie & Co, Somerville, Pambuhan
CINNAMON—50 bls, P J Frawley, President Coolidge, Hongkong
100 bls, Henry W Peabody & Co, President Coolidge, Hongkong
COCONUT, DESIC—471 cs, Balfour, Guthrie & Co, President Coolidge, Manila
35 cs, Getz Bros & Co, President Coolidge, Manila
1,100 cs, J E Lowden, President Coolidge, Manila
2,143 cs, Wood & Selick, President Coolidge, Manila
2,583 cs, Durkee Famous Foods, President Coolidge, Manila
1,547 cs, Philippine Desiccated Coconut Corpn, President Coolidge, Manila
5,437 cs, Franklin Baker Co, President Coolidge, Manila
COCONUTS—60 sks, Pacific Coconut Co, Makura, Papeete
COPRA—100 tons, El Dorado Oil Works, New York, Cebu (for Oakland)
1,046 tons, Durkee Famous Foods, New York, Cebu
500 tons, El Dorado Oil Works, New York, Davao (for Oakland)
600 tons, Durkee Famous Foods, New York, Dumaguete
250 tons, Durkee Famous Foods, New York, Gasan
200 tons, Durkee Famous Foods, Somerville, Dumaguete
186 tons, El Dorado Oil Works, Somerville, Jolo (for Oakland)
200 tons, El Dorado Oil Works, Somerville, Zamboanga (for Oakland)
150 tons, El Dorado Oil Works, Somerville, Dumaguete (for Oakland)
MEAL—4,480 sks, Taylor Milling Corpn, Somerville, Manila
EGG YOLK, HEN, DRIED—224 cs, The Public National Bank & Trust Co, Asama, Tientsin
50 cs, Bashaw Co, President Coolidge, Shanghai
FERRO PHOSPHEROUS—500 cs, Iwai & Co, Asama, Yokohama
FERTILIZER—33 sks, Fujimoto Co, Asama, Yokohama
GINGER ROOT—140 pkgs, President Coolidge, Hongkong
GUM COPAL—50 sks, Henry W Peabody & Co, Somerville, Singapore
HEMPSEED—1,334 sks, Balfour, Guthrie & Co, President Coolidge, Kobe
5,398 sks, M W Park & Co, President Coolidge, Kobe
HERBS, DRIED—5 bdls, Sing Chong Co, President Coolidge, Hongkong
INK—5 cs, Hip Hing Co, President Coolidge, Hongkong
4 cs, Fook Lung, President Coolidge, Hongkong
1 cs, Aoki Taiseido Book Co, President Coolidge, Yokohama
KAVA KAVA—79 sks, Manukai, Honolulu
110 sks, Maui, Hilo
LARD, VEGETABLE—1,000 tins, David B. Berelson, President Coolidge, Manila
MARGARIN, VEGETABLE—1,000 cs, M S Cowen Co, President Coolidge, Manila
500 cs, David Berelson, President Coolidge, Manila
MEDICINAL PREPS—11 sks, 10 cs, Tin Yue Tong, President Coolidge, Hongkong
1 cs, Sing Chong Co, President Coolidge, Hongkong
15 sks, 19 cs, Tai Sang Tong, President Coolidge, Hongkong
4 cs, Suey Chong Co, President Coolidge, Hongkong
119 pkgs, Tin Sau Tong, President Coolidge, Hongkong
13 pkgs, Ying Fat Lung, President Coolidge, Hongkong
2 cs, How Kee, President Coolidge, Hongkong
MENTHOL—100 cs, Brown & Williamson Tobacco Co, Asama, Kobe
MOLASSES—1,027,000 lbs, Makua, Ahukini
385 tons, Mapele, Hilo
494 tons, Mana, Honuapo
OIL, CHINAWOOD—150 dms, Otto Sales Co, Asama, Hongkong
427 dms, Mitsubishi Shoji Kaisha, Asama, Hongkong
186 dms, National City Bank of Cleveland, Asama, Hongkong
340 tons, Werner G Smith Co, President Coolidge, Shanghai
150 tons, Pacific Vegetable Oil Corp, President Coolidge, Shanghai
CODLIVER — 150 dms, Fred Olsen Line Agency, Laurits Swenson, Oslo
COTTONSEED—150 tons, Pacific Natl Bank, President Coolidge, Kobe
OLIVE—50 dms, D F de Bernardi, President Monroe, Genoa
PEANUT—15 cs, Tin Yue Tong, President Coolidge, Hongkong
20 cs, Sing Chong Co, President Coolidge, Hongkong
10 cs, Suey Chong Co, President Coolidge, Hongkong
50 cs, Shun On, President Coolidge, Hongkong
80 cs, Ying Fat Lung, President Coolidge, Hongkong
9 cs, How Kee, President Coolidge, Hongkong
PERILLA—quantity bulk, Mitsubishi Shoji Kaisha, Asama, Kobe
quantity bulk, Pacific Vegetable Oil Corp, Asama, Kobe
100 dms, Asama, Yokohama
301 tons, S L Jones & Co, President Coolidge, Kobe
SESAME—15 cs, Fung Chong, President Coolidge, Hongkong
4 cs, Sing Chong Co, President Coolidge, Hongkong
8 cs, Suey Chong Co, President Coolidge, Hongkong
5 cs, Columbia Co, President Coolidge, Hongkong
5 cs, Ying Fat Lung, President Coolidge, Hongkong
VEGETABLE—4 dms, S L Jones & Co, President Coolidge, Shanghai
PARAFFIN, REFD—253 sks, Patterson Shipping Co, Somerville, Palembang (for Oakland)
PEATMOSS—1,545 bls, Wilson & George Meyer & Co, Laurits Swenson, Oslo
400 bls, Wilson & George Meyer & Co, Laurits Swenson, Oslo (for Oakland)
PEPPER, BLACK—162 sks, S H Tyler & Sons, Somerville, Batavia
SESAME SEED—100 sks, Nippon Co, Asama, Shanghai
400 sks, Asama, Shanghai
780 sks, Arnhold & Co, Inc, Asama, Shanghai
600 sks, S L Jones & Co, Asama, Shanghai
2,090 sks, East Asiatic Co, President Coolidge, Shanghai
2,400 sks, S L Jones & Co, Asama, Shanghai
780 sks, N V Loring, Asama, Shanghai
2,335 sks, East Asiatic Co, Inc, President Coolidge, Shanghai
1,200 sks, S L Jones & Co, President Coolidge, Shanghai

SESAME SEED—600 sks, T M Duche & Sons, President Coolidge, Shanghai
1,320 sks, Arnhold & Co, President Coolidge, Shanghai
STARCH—10 cs, Cheung Kee, President Coolidge, Hongkong
TALLOW—5 dms, Manoa, Honolulu
2 bbls, Maui, Hilo
733 dms, 252 cks, Makura, Sydney
177 dms, Anglo-California Bank, Makura, Wellington
96 cks, Makura, Wellington
585 cks, Bank of California, N A, Makura, Wellington
TAR—100 dms, C J Hendry Co, Gracia, Glasgow
VANILLA BEANS—16 cs, Williams Dimond Co, Makura, Papeete
25 cs, Makura, Papeete

Savannah Imports

TAPIOCA FLOUR—1,093 bgs, Kota Tjandi, Belawan

Seattle Imports

CHILLIES — 12 sks, Commercial Importing Co, Seattle, Hamburg
ENAMEL, BOILER—5 cks, Pacific Exporter, Manchester
FLINT PEBBLES—250 sks, East Asiatic Co, Canada, Copenhagen
IRON OXIDE—100 sks, 20 bbls, Drechtdijk, Rotterdam
OIL, CREOSOTE—901 tons, Bernuth, Lembcke & Co, Gustaf E Reuter, Middlesborough
2,258 tons, Bernuth, Lembcke & Co, Gustaf E Reuter, Cardiff
TAPIOCA, FLAKE—43 sks, W J Byrnes & Co, Silverbelle, Sourabaya
FLOUR—166 sks, W J Byrnes & Co, Silverbelle, Sourabaya
SEEDS—102 sks, H M Newhall & Co, Silverbelle, Cheribon
WHITING, BOLTED—1,030 sks, East Asiatic Co, Canada, Copenhagen

Exports from U.S. Ports

New York Exports

Clearance Dates

American Farmer, July 31; American Importer, July 31; American Merchant, July 17; Aquitania, August 4; Argosy, July 23; Ashburton, July 31; Atlantida, July 31; Birte, July 31; Black Osprey, August 5; Borinquen, August 6; Bremen, August 1; Caledonia, August 6; Campomane, August 4; Coamo, July 30; Cold Harbor, August 7; Conte Savoia, July 31; Exchange, July 30; Europa, August 8; Express, July 24; Fairfield City, August 1; Fort Amherst, July 31; Freienfels, July 13; Gripsholm, July 24; Haiti, July 24; Hansa, August 5; Ilsenstein, July 31; Jeff Davis, August 1; Laconia, July 31; Minnequa, July 31; Nicoline Maersk, July 2; Normandie, August 4; Oradell, July 30; Oriskany, August 6; Otho, July 24; Platano, July 31; Potter, August 6; President Harding, July 21; Quirigua, July 21; Rex, August 7; Rudolph Albrecht, August 10; San Juan, July 31; Santa Inez, July 24; Santa Lucia, July 17; Scythia, July 17; Silverwalnut, July 23; Spaarndam, July 31; Transylvania, July 31; Tugela, Augut 1; Uganda, July 30; Ulua, August 1; Veragua, July 30; Washington, July 28; Western World, July 31

ACETIC ANHYDRIDE—3,498 lbs, Spaarndam, Rotterdam
ACID, HYDROCYANIC—3,520 lbs, Silverwalnut, Manila
STEARIC—3,045 lbs, Platano, Santiago
SULPHURIC—4,325 lbs, Haiti, Cartagena
ALCOHOL, ISOPROPYL—4,070 gls, Uganda, Buenos Aires; 2,100 gls, Uruguayo, Buenos Aires
ALUMINA, CHLORIDE, CRYST—1,708 lbs, Uganda, Buenos Aires
SULPHATE—20,200 lbs, Coamo, San Juan
AMMONIA, ANHYD—13,829 lbs, Freienfels, Port Natal
SULPHATE—20,200 lbs, Coamo, San Juan
ANTIMONY OXIDE—1,159 lbs, Ulua, Buenaventura
ASPHALT—10,000 lbs, Birte, London; (Express) 67,177 lbs, Salonica; 54,085 lbs, Galatz; (Ashburton) 62,184 lbs, Auckland; 60,826 lbs, Lyttleton; 110,401 lbs, Europa, Bremen
FLUX—7,651 lbs, Uruguayo, Rio de Janeiro
LIQUID—16,793 lbs, Laconia, Liverpool; 4,791 lbs, Otho, Matadi; 88,354 lbs, Black Osprey, Rotterdam; 50,176 lbs, Spaarndam, Rotterdam
BLEACHING POWDER—660 lbs, Veragua, Port Limon
BLOOD, DR'D—44,200 lbs, Argosy, Kotka
BLUE, VITRIOL—3,010 lbs, Express, Istanbul
BUTYL ACETATE—34,408 lbs, Jeff Davis, Sydney
CALCIUM CARBIDE—12,540 lbs, Haiti, Cartagena
GLUCONATE—2,149 lbs, American Farmer, London
ORTHOIODOXYBENZOATE—918 lbs, American Farmer, London
CHEMICALS—11,000 lbs, American Importer, Liverpool; 1,864 lbs, American Farmer, London; 25,481 lbs, American Merchant, London
CHLOROFORM—1,050 lbs, Veragua, Havana
CLAY—20,400 lbs, American Merchant, London
CLEANING COMP—11,084 lbs, American Importer, Liverpool; 13,347 lbs, Cold Harbor, Manchester
COALTAR—910 lbs, Veragua, Port Limon
INTERMEDIATES—13,656 lbs, Spaarndam, Rotterdam
COLOR, DRY—6,294 lbs, Ulua, Porto Colombia; 2,425 lbs, Oriskany, Santiago; 1,620 lbs, Oriskany, Havana
CORN FLOUR—300 lbs, Platano, Porto Barrios; 6,400 lbs, Transylvania, Glasgow; 1,760 lbs, Ulua, San Juan del Sur; 21,225 lbs, Veragua, Havana; 42,361 lbs, Silverwalnut, Manila; 710 lbs, Quirigua, Limon
SUGAR—20,300 lbs, American Importer, Manchester
SYRUP—15,244 lbs, Platano, Porto Barrios, (Silverwalnut) 22,829 lbs, Iloilo; 11,446 lbs, Cebu
CYANAMID—101,400 lbs Borinquen, San Juan
DEXTRIN—4,512 lbs, Jeff Davis, Melbourne
CORN—11,250 lbs, American Importer, Manchester; 7,050 lbs, American Farmer, London; 15,792 lbs, Jeff Davis, Sydney; (Ashburton) 11,280 lbs, Auckland; 4,512 lbs, Wellington
DISINFECTANT—23,100 lbs, American Importer, Manchester
COALTAR—(Ulua) 5,285 lbs, Porto Colombia; 1,305 lbs, Pimentel
DRUGS—1,418 lbs, American Farmer, London; 6,808 lbs, American Merchant, London
DYES—1,090 lbs, Platano, Porto Barrios; 3,220 lbs, Western World, Montevideo; 3,533 lbs, President Harding, Havre; 1,160 lbs, Washington, Hamburg; 2,066 lbs, Hansa, Hamburg; 1,586 lbs, American Farmer, Bombay
FERTILIZER—1,120,141 lbs, Silverwalnut, Iloilo
FIRECLAY—23,975 lbs, Gripsholm, Vastervik
GASOLINE—344,270 gls, Campomanes, Santander; 40,000 gls, Uruguayo, Montevideo; (Otho) 20,000 gls, Bata; 5,000 gls, Rio Benito; (Freienfels) 40,250 gls, South Africa; 500 gls, Port Natal; 500 gls, Diego Suarez; (Jeff Davis) 1,000 gls, Adelaide; 33,000 gls, Fremantle
GLASS, PLATE—45,810 lbs, American Farmer, London
GLUCOSE—1,410 lbs, Jeff Davis, Melbourne; 1,543 lbs, Quirigua, Guayaquil
GLUE—22,000 lbs, American Farmer, London
DRY—515 lbs, Coamo, San Juan
GREASE, LUBRICATING—9,006 lbs Transylvania, Glasgow; 120,572 lbs, Birte, London; 38,184 lbs, Exchange, Genoa; (Express) 11,125 lbs, Piraeus; 3,010 lbs, Istanbul; (Laconia) 8,081 lbs, Calcutta; 94,160 lbs, Liverpool; (Tugela) 7,663 lbs, Rio de Janeiro; 9,612 lbs, Santos; (American Importer) 24,826 lbs, Liverpool; 160,078 lbs, Manchester; 879 lbs, Ulua, Porto Colombia; 85,603 lbs, Hansa, Hamburg; (Otho)

GREASE, LUBRICATING (Continued):—
1,700 lbs, Dakar; 1,715 lbs, Duala; 7,039 lbs, Rio Benito; 4,548 lbs, Libreville; 2,383 lbs, Port Gentil; 5,100 lbs, Matadi; 5,745 lbs, Borinquen, San Juan; 14,682 lbs, Freienfels, Port Natal; 2,318 lbs, Argosy, Stockholm; 8,445 lbs, Jeff Davis, Sydney; 4,626 lbs, Spaarndam, Rotterdam; 47,010 lbs, Rex, Genoa; 2,295 lbs, Cold Harbor, Manchester; 13,883 lbs, Ilsenstein, Antwerp; 21,454 lbs, Silverwalnut, Manila; 18,144 lbs, Oriskany, Santiago; 4,462 lbs, Ashburton, Wellington
GUM, ESTER—6,555 lbs, Hansa, Hamburg
SYNTHETIC—19,819 lbs, Hansa, Hamburg
INK, PRINTING—5,790 lbs, Western World, Montevideo; 2,079 lbs, Veragua, Port Limon
INSECTICIDE, AGRIC—17,388 lbs, Washington, Havre; 2,300 lbs, Freienfels, Lourenco Marques
HOUSEHOLD—6,010 lbs, Express, Istanbul; 2,728 lbs, President Harding, Budapest; 2,183 lbs, Argosy, Copenhagen
LIQUID—8,740 lbs, Uganda, Buenos Aires
ISOPROPYL ACETATE—43,855 lbs, American Merchant, London
LACQUER—1,512 lbs, Argosy, Helsingfors; 3,844 lbs, Silverwalnut, Shanghai
LARD—9,095 lbs, Platano, Caimanera; (San Juan) 27,334 lbs, San Juan; 29,050 lbs, Ponce; 21,604 lbs, Mayaguez; 9,085 lbs, Aguadilla; 20,863 lbs, Transylvania, Glasgow; 4,868 lbs, Gripsholm, Gothenburg; 132,900 lbs, Laconia, Liverpool; (American Importer) 63,500 lbs, Liverpool; 15,875 lbs, Manchester; 8,025 lbs, Ulua, Cartagena; 7,875 lbs, Veragua, Havana; 4,151 lbs, Aquitania, Southampton; 508,600 lbs, American Farmer, London; 25,600 lbs, American Merchant, London; 24,855 lbs, Borinquen, San Juan; 36,500 lbs, Quirigua, Havana
LEAD, WHITE—5,875 lbs, Western World, Buenos Aires; 6,153 lbs, Gripsholm, Gothenburg; 4,727 lbs, Spaarndam, Rotterdam
LINSEED CAKE—563,635 lbs, Laconia, Liverpool; 1,397,131 lbs, Black Osprey, Rotterdam
MEAL—112,000 lbs, Cold Harbor, Belfast
MAGNESIA CHLORIDE, ANHYD—14,190 lbs, American Merchant, London
MILK POWDER—46,238 lbs, American Farmer, London; 48,225 lbs, American Merchant, London
OIL, AVIATION—89,418 gls, Rudolph Albrecht, Hamburg
CASTOR—7,955 lbs, San Juan, San Juan; (Veragua) 668 lbs, San Juan del Sur; 672 lbs, Corinto; 698 lbs, Ulua, San Juan del Sur
COCONUT—4,825 lbs, Platano, Guantanamo; 9,607 lbs, Veragua, Havana
CYLINDER—517,860 gls, Rudolph Albrecht, Hamburg
EDIBLE—2,535 lbs, Platano, Porto Barrios; (Ulua) 6,455 lbs, Santa Marta; 2,874 lbs, San Juan del Sur; 1,456 lbs, Puntarenas; 750 lbs, Quirigua, Limon
ESSENTIAL—1,500 lbs, Birte, London; 2,377 lbs, American Merchant, London
FLOTATION—2,475 gls, Jeff Davis, Townesville
FUEL—(Freienfels) 110,000 gls, South Africa; 11,000 gls, Lourenco Marques; 12,100 gls, Tulear; 2,200 gls, Nossi Be
LUBRICATING—1,100 gls, Platano, Santiago; 7,560 gls, Transylvania, Glasgow; 28,160 gls, Western World, Buenos Aires; 1,092 gls, Gripsholm, Gothenburg; 214,876 gls, Exchange, Vado; 26,300 gls, President Harding, Havre; (Express) 7,585 gls, Salonica; 16,000 gls, Istanbul; 110,550 gls, Constanza; 4,800 gls, Laconia, Liverpool; 1,302 gls, Scythia, Liverpool; 10,026 gls, Washington, Hamburg; (Tugela) 2,000 gls, Bahia; 10,740 gls, Rio Janeiro; 3,194 gls, Aracaju; 5,220 gls, Santos; 3,705 gls, Rio Grande; 3,442 gls, Porto Alegre; (American Importer) 13,692 gls, Liverpool; 1,730 gls, Manchester; 1,485 gls, Fort Amherst, St Johns; (Santa Inez) 2,475 gls, Taltal; 1,650 gls, Callao; 7,150 gls, Antofagasta; 1,705 gls, Chanaral; 4,600 gls, Coquimbo; 6,425 gls, Veragua, Havana; (Santa Lucia) 3,630 gls, Iquique; 3,105 gls, Guayaquil; 7,215 gls, Callao; 11,220 gls, Antofagasta; 35,070 gls, Hansa, Hamburg; (Uruguay) 500 gls, Rio Janeiro; 2,090 gls, Santos; 8,125 gls, Montevideo; 19,211 gls, American Farmer, London; 15,085 gls, American Merchant, London; (Otho) 1,850 gls, Dakar; 1,375 gls, Takoradi; 4,675 gls, Duala; 1,390 gls, Rio Benito; 1,200 gls, Libreville; 6,475 gls, Port Gentil; 29,820 gls, Matadi; (Freienfels) 1,200 gls, Port Elizabeth; 1,430 gls, Lourenco Marques; 3,740 gls, Majunga; 1,300 gls, Nossi Be; (Jeff Davis) 18,150 gls, Townesville; 28,140 gls, Sydney; 24,145 gls, Melbourne; 19,415 gls, Adelaide; 38,535 gls, Freemantle; 1,340 gls, Black Osprey, Amsterdam; 2,100 gls, Caledonia, Glasgow; (Potter) 16,500 gls, Karachi; 5,000 gls, Bombay; 2,310 gls, Madras; 16,265 gls, Calcutta; 16,890 gls, Ilsenstein, Antwerp; (Ashburton) 75,415 gls, Auckland; 140,610 gls, Wellington; 40,590 gls, Lyttleton; 30,635 gls, Dunedin; 437,934 gls, Rudolph Albrecht, Hamburg; 8,442 gls, Spaarndam, Rotterdam; 6,510 gls, Rex, Genoa; 1,100 gls, Cold Harbor, Manchester
OLEO—107,555 lbs, Birte, London; 9,239 lbs, American Importer, Liverpool; 20,682 lbs, Aquitania, Southampton; 48,163 lbs, American Merchant, London; 62,331 lbs, American Farmer, London; 70,760 lbs, Caledonia, Glasgow; 82,228 lbs, Argosy, Copenhagen; 70,968 lbs, Spaarndam, Rotterdam; 4,701 lbs, Ilsenstein, Antwerp; 19,884 lbs, Minnequa, Copenhagen
PALE—98,490 gls, Rudolph Albrecht, Hamburg
PEPPERMINT—426 lbs, Laconia, Liverpool; 2,400 lbs, Hansa, Hamburg; 860 lbs, American Farmer, London
PINE—7,059 lbs, Silverwalnut, Manila
RAPESEED—2,750 gls, Express, Istanbul

OIL, SPEARMINT—415 lbs, American Importer, Liverpool; 830 lbs, American Farmer, London
SPINDLE—98,028 gls, Rudolph Albrecht, Hamburg
SULPHONATED—13,967 lbs, Laconia, Liverpool
TRANSFORMER—1,000 gls, Tugela, Rio Janeiro
VALVE—194,292 gls, Rudolph Albrecht, Hamburg
WORMSEED—322 lbs, Hansa, Hamburg
ORTHONITROCHLOROBENZENE—26,950 lbs, American Importer, Manchester
ORTHONITROTOLUENE—88,578 lbs, Minnequa, Gothenburg
PAINT—3,538 lbs, Platano, Porto Cortes; 2,650 lbs, Haiti, Cartagena; 4,403 lbs, Uruguayo, Buenos Aires; 6,600 lbs, Ulua, Panama City; 2,711 lbs, American Merchant, London; 19,424 lbs, Borinquen, San Juan; (Argosy) 8,755 lbs, Helsingfors; 3,410 lbs, Copenhagen
PREPARED—(Platano) 11,269 lbs, Porto Cortes; 17,486 lbs, Porto Barrios; 3,612 lbs, Otho, Matadi
THINNER—1,265 gls, Western World, Buenos Aires; (Tugela) 200 gls, Bahia; 11,000 gls, Rio Janeiro; 10,000 gls, Santos; (Freienfels) 2,375 gls, Capetown; 2,175 gls, East London; 31,050 gls, Port Natal
PARAFFIN—33,744 lbs, Birte, London; 22,556 lbs, Washington, Hamburg; 12,140 lbs, Tugela, Rio Grande; (American Importer) 121,471 lbs, Liverpool; 71,795 lbs, Manchester; 16,684 lbs, Spaarndam, Rotterdam; 22,151 lbs, Silverwalnut, Manila; (Quirigua) 34,595 lbs, Limon; 8,978 lbs, Havana; (Minnequa) 22,244 lbs, Aarhus; 33,363 lbs, Helsingfors
REFINED—168,070 lbs, Birte, London
SCALE—24,230 lbs, Transylvania, Glasgow; 36,353 lbs, American Importer, Liverpool; 45,151 lbs, Spaarndam, Rotterdam; 5,004 lbs, Cold Harbor, Manchester
PARANITRANILIN—1,827 lbs, President Harding, Havre
PETROLATUM, MED (Freienfels) 6,723 lbs, Port Natal; 4,000 lbs, Lourenco Marques
PETROLEUM, REF'D—(San Juan) 25,000 gls, San Juan; 7,500 gls, Mayaguez; 3,000 gls, Aguadilla; 200,000 gls, Tugela, Bahia; 10,000 gls, Uruguayo, Montevideo; (Otho) 500 gls, Freetown; 500 gls, Duala; 8,000 gls, Bata; 7,600 gls, Sao Thome; 7,950 gls, Libreville; 1,250 gls, Port Gentil; 500 gls, Freetown; (Freienfels) 6,000 gls, Tulear; 30,000 gls, Morondava; 58,000 gls, Majunga; 45,000 gls, Nossi Be; 50,500 gls, Diego Suarez
PODOPHYLLIN—1,152 lbs, American Farmer, London
POTASH BICHROMATE—4,520 lbs, Fairfield City, Alexandria
RESIN—2,097 lbs, American Farmer, London
COALTAR—6,845 lbs, Washington, Havre; 14,590 lbs, American Merchant, London; 2,055 lbs, Argosy, Kotka
SYNTHETIC—29,521 lbs, Washington, Hamburg; 19,819 lbs, Hansa, Hamburg; 3,036 lbs, American Farmer, London
ROSIN—2,162 lbs, Gripsholm, Gothenburg; 11,887 lbs, American Importer, Liverpool; 2,547 lbs, American Merchant, London
SOAP—(San Juan) 20,747 lbs, San Juan; 36,177 lbs, Ponce; 23,000 lbs, Mayaguez; 5,600 lbs, Arecibo; 2,350 lbs, Haiti, Cartagena; 6,440 lbs, Scythia, Liverpool; 5,750 lbs, Ulua, Belize
LAUNDRY—11,300 lbs, Ulua, Belize
TOILET—104,275 lbs, Freienfels, Port Natal
SODA ASH—33,150 lbs, Transylvania, Glasgow; 67,812 lbs, Tugela, Rio de Janeiro; 6,480 lbs, Veragua, Buenaventura; (Uruguayo) 37,297 lbs, Buenos Aires; 33,150 lbs, Rio de Janeiro; 66,069 lbs, American Farmer, London; 113,010 lbs, Potter, Karachi; 105,950 lbs, Quirigua, Havana
BENZOATE—244 lbs, Platano, Santiago
BICARBONATE—2,800 lbs, San Juan, Mayaguez; 6,100 lbs, Quirigua, Havana
CAUSTIC—15,404 lbs, San Juan, San Pedro; 197,110 lbs, Nicoline Maersk, Buenos Aires; 15,200 lbs, Argosy, Stockholm; 70,489 lbs, Potter, Karachi; 72,000 lbs, Quirigua, Havana; 216,000 lbs, Oriskany, Santiago
HYPOSULPHITE—39,817 lbs, Silverwalnut, Manila
PHOSPHATE, TRI—56,560 lbs, American Farmer, London
SILICATE—8,334 lbs, Veragua, Corinto
SULPHIDE—1,209 lbs, Platano, Porto Barrios
SOLVENTS—13,481 lbs, American Farmer, London; 1,659 lbs, American Merchant, London
SOYBEAN FLOUR—2,323 lbs, Freienfels, Capetown
STARCH, CORN—3,000 lbs, Platano, Santiago; 1,320 lbs, Veragua, Cienfuegos; 13,818 lbs, American Merchant, London; 28,200 lbs, American Farmer, London; 4,040 lbs, Spaarndam, Rotterdam; 2,895 lbs, Silverwalnut, Hongkong; (Quirigua) 3,000 lbs, Cienfuegos; 6,000 lbs, Calbarien
TALC—44,800 lbs, Birte, London; 89,600 lbs, Laconia, Liverpool; 20,200 lbs, American Importer, Liverpool; 15,040 lbs, Black Osprey, Rotterdam
TANNING EXTRACT—810 lbs, Transylvania, Edinburgh
TITANIUM DIOXIDE—1,200 lbs, Uganda, Buenos Aires
TREE WASH—12,000 lbs, Express, Istanbul; 2,500 lbs, Otho, Santa Cruz; 21,022 lbs, Freienfels, Capetown
TURPENTINE—1,000 gls, Tugela, Rio Janeiro; (Uruguayo) 1,000 gls, Rio Janeiro; 1,000 gls, Buenos Aires; (Freienfels) 4,350 gls, South Africa; 1,800 gls, Beira; 500 gls, Ashburton, Wellington
VARNISH—6,110 lbs, Western World, Buenos Aires; 1,190 lbs, Gripsholm, Stockholm; 5,291 lbs, Haiti, Cartagena; 2,161 lbs, Borinquen, San Juan
WITCH HAZEL EXTRACT—4,927 lbs, President Harding, Havre
ZINC DUST—3,600 lbs, Hansa, Hamburg
OXIDE—1,243 lbs, Uganda, Buenos Aires; 22,600 lbs, Jeff Davis, Sydney
STEARATE—13,560 lbs, Jeff Davis, Sydney

Baltimore Exports

Clearance Dates

Anna Maersk, August 1; City of Norfolk, July 30; Cold Harbor, August 1; Komaki Maru, August 3; Steel Navigator, July 30

ACID, CHROMIC—11,200 lbs, Cold Harbor, Manchester
AMMONIA SULPHATE—(Steel Navigator) 250 tons, Manila; 1,030 tons, Honolulu; 447 tons, Hilo
ASBESTOS REFUSE—22,400 lbs, City of Norfolk, Havre
ASPHALT, SOLID—102,513 lbs, Cold Harbor, Liverpool
COLOR, DRY—850 lbs, Steel Navigator, Manila
GLASS FRIT, CRUSHED—10,000 lbs, Cold Harbor, Manchester
GREASE, LUBRICATING—31,875 lbs, Anna Maersk, Hongkong; 39,754 lbs, Komaki, Yokohama
METHANOL—49,725 lbs, Anna Maersk, Yokohama
OIL, LUBRICATING—273 bbls, City of Norfolk, Havre
NICKEL SULPHATE—8,000 lbs, Anna Maersk, Kobe
PARAFFIN—136,224 lbs, City of Norfolk, London; (Anna Maersk) 5,500 lbs, Hongkong; 66,002 lbs, Manila
PASSION FLOWER HERB—1,079 lbs, City of Norfolk, Havre
POLISH, AUTO—7,428 lbs, City of Norfolk, London
METAL—1,604 lbs, Anna Maersk, Manila
POTASH BICHROMATE—(City of Norfolk) 22,400 lbs, London; 662 lbs, Memel
RUTILE—11,000 lbs, Cold Harbor, Manchester
SAND, PREPARED—1,100 tons, City of Norfolk, London
SOAP, POWD—2,020 lbs, City of Norfolk, London
SODA, BICHROMATE—22,400 lbs, City of Norfolk, London; 11,200 lbs, Anna Maersk, Kobe, Osaka
CAUSTIC—205,634 lbs, Anna Maersk, Manila
CHROMATE—1,500 lbs, City of Norfolk, Luton Beds
STARCH, CORN—115,322 lbs, Steel Navigator, Manila

Beaumont Exports

Clearance Dates

Almeria Lykes, July 29; Borkum, July 31; Cymbeline, Aug. 3; Elmsport, July 21; Mapia, Aug 3

ASPHALT, PETROL—4 tons, Almeria Lykes, Mayaguez
BLACK, CARBON—(Elmsport) 28 tons, Avonmouth-Bristol; 15 cs, Dublin
OIL, BATCHING—1,250 tons, Mapia, Calcutta
LUBRICATING—1,000 dms, Borkum, Hamburg
PETROLEUM, CRUDE—76,000 bbls, Cymbeline, Montreal
SOAPSTOCK, COTTONSEED—(Elmport), 82 bbls, 44 tons, Glasgow; 50 bbls, Belfast
SULPHUR—32 tons, Elmsport, Dublin

Boston Exports

Clearance Dates

Evangeline, July 30; Gypsum Queen, July 31; Hoegh Transporter, August 3; Matra, July 27; Nagara Maru, August 3; Saint John, July 28, August 4, 7; Turrialba, July 24; Yarmouth, July 29

ALUMINA OXIDE—9 kgs, 2,110 bgs, 210,940 lbs, Matra, London
STEARATE—2 crtns, 100 lbs, Saint John, St John
SULPHATE—22 bbls, 8,000 lbs, Turrialba, Chaparra
AMMONIA—1 pkg, 170 lbs, Yarmouth, Yarmouth
ASBESTOS FIBER—800 bgs, Nagara Maru, Kobe
BRISTLES—7 cs, 1,223 lbs, Saint John, St John
CALCIUM PHOSPHATE DI—20 sks, 2,000 lbs, Saint John, Summerside
CARAWAY SEEDS—1 dm, 100 lbs, Turrialba, Corozal
CEMENT, CAN—1 crtn, 12 lbs, to Hawaii
RUBBER—1 bx, Matra, Leicester
SHOE—4 cs, 132 lbs, Turrialba, Panama
CHALK—1 cs, 256 lbs, to Hawaii
CHEMICALS—2 cs, 78 lbs, Turrialba, Havana
CLAY—1 bbl, 500 lbs, Matra, London
COALTAR—10 dms, 4,680 lbs, Turrialba, Havana
DISINFECTANT, COALTAR—18 bbls, 700 gls, Turrialba, Havana
DRESSING, LEATHER—5 dms, 238 gls, to Philippines; 30 dms, 3,484 lbs, Matra, London; 3 bbls, 150 gls, Turrialba, Havana
SHOE—15 cs, 124 gls, Turrialba, Havana
FINISH, LEATHER—1 cs, 2,557½ gls, Turrialba, Panama City
GLUE, MARINE—8 crtns, 84 lbs, to Hawaii
GREASE, ANIMAL—134 dms, 55,000 lbs, Hoegh Transporter, Milan
LUBRICATING—1,367 lbs, Nagara, Yokohama
SOAP—13 dms, 25 bbls, 16,631 lbs, Turrialba, Havana
INK, MARKING—1 cs, 2 gls, Turrialba, Havana
WRITING—1 bx, 6 lbs, to Japan; 2 cs, 474 lbs, to Philippines
LINING COMP—1 bx, 12 dms, 4,816 lbs, Matra, London
MEDICINAL PREPS—6 straps, 4 cs, 340 lbs, Turrialba, Havana
OIL, LUBRICATING—5 dms, 273 gls, Evangeline, Yarmouth
SESAME—2 bgs, 178 lbs, Turrialba, Havana
PARAFFIN—243 bgs, 53,084 lbs, to China
PASTE—1 cs, 211 lbs, to Philippines
LIQUID—2 bbls, 90 gls, Turrialba, Havana
POLISH, METAL—6 crts, 960 lbs, Turrialba, Havana
SHOE—(Turrialba) 37 dms, 1 cs, 418 lbs, Panama; 10 crtns, Havana
STOVE—49 cs, 1,705 lbs, Saint John, St John
PUTTY—10 cs, 1,170 lbs, to Philippines
ROSIN—1 dm, 7 kgs, 450 lbs, Hoegh Transporter, Haifa; 17 dms, 6,800 lbs, to China
SHELLAC—12 kgs, 2,200 lbs, Matra, London
SOAP, FLAKE—37 cs, 1,235 lbs, to Hawaii
POWDER—308 cs, 10,951 lbs, to Hawaii
TAR—143 cs, 3,535 lbs, to Hawaii
TOILET—123 cs, 2,742 lbs, to Hawaii
TANNING EXTRACT—1 kg, 50 lbs, Hoegh Transporter, Haifa
TOILET PREPS—4 cs, 158 lbs, Turrialba, Havana
TURPENTINE, GUM—3 dms, 153 gls, Gypsum Queen, Windsor; 20 dms, 7,840 lbs, Saint John, St John
WAX, SHOE—1 cs, 15 lbs, Turrialba, Havana
WITCH HAZEL EXTRACT—1 bbl, 50 gls, Saint John, St John

Galveston Exports

Clearance Dates

Binnendyk, July 29; Ditmar Kiel, Aug. 3; Elg, July 31; Meanticut, Aug 3; Motrix, July 29

BLACK CARBON—(Meanticut) 2 tons, Lisbon; 20 tons, Pasages
OIL—67,000 bbls, Motrix, Havre
PHOSPHATE—5,500 tons, Ditmar Kiel, Hamburg
SULPHUR—(Binnendyk)—40 tons, London; 14 tons, Antwerp; 20 tons, Rotterdam; (Elg) 500 tons, Port Alice; 800 tons, Woodfibre; 600 tons, Ditmar Kiel, Wallyik

Houston Exports

Clearance Dates

Agnita, July 31; Aramis, July 30; Borkum, August 3; Colonial, July 31; Cranford, August 1; Fagerfjell, August 3; Mendocino, August 3; Ruth Lykes, July 31; Vanduara, July 30

BLACK, CARBON—(Colonial) 1,994 bgs, 57 cs, Liverpool; 498 cs, Manchester; 15,820 bgs, 30 cs, Liverpool-Manchester; (Cranford) 300 cs, 1,500 bgs, Havre; 2,000 bgs, Antwerp; 300 bgs, Antwerp-Ghent; 747 cs, Rotterdam; 30 tons, Borkum, Bremen
BUTANE—1,200 tons, Agnita, Rouen
GASOLINE—7,000 tons, Aramis, Havana; 6,550 tons, Vanduara, Oslofjord
GREASE—2 tons, Ruth Lykes, Havana
MINERAL SP'TS—2 dms, Vanduara, Oslofjord

OIL, GAS—3,200 tons, Agnita, Rotterdam
PETROLEUM, CRUDE—12,200 tons, Fagerfjell, Montreal; 10,200 tons, Mendocino, Montreal
POTASH MURIATE—100 tons, Ruth Lykes, Havana

Lake Charles Exports

Clearance Dates

Borkum, July 29; George W Barnes, July 23

PETROLEUM, CRUDE—71,858 bbls, George W Barnes, Havana
ROSIN—(Borkum) 300 bbls, 150 dms, Bremen; 1,700 bbls, Hamburg

Los Angeles Exports

Clearance Dates

Annie Johnson, July 27; Antigua, July 25; Asama, July 27; Boren, July 25; Fujisan, July 31; Griffco, July 28; Mariposa, July 22; Pacific Reliance, July 27; Parthenia, July 29; President Pierce, July 26; Samuel Bakke, July 23; Santa Elena, July 25; Santa Maria, July 31; Texada, July 31; Wyoming, July 25

ACID, BORIC—(President Pierce) 30 sx, 3,000 lbs, Santiago; 40 sx, 4,000 lbs, Havana; 142 bgs, 15,660 lbs, Wyoming, Rotterdam; (Boren) 10 bgs, 1,120 lbs, Adelaide; 8 pkgs, 1,570 lbs, Melbourne; 43 bgs, 4,820 lbs, Mariposa, Melbourne; 400 bgs, 44,800 lbs, Samuel Bakke, Manchester
ASPHALT—3,360 lbs, Mariposa, Sydney; 277 bgs, 60,710 lbs, Wyoming, Havre
BLACK, CARBON—33,990 lbs, Mariposa, Sydney
BORATE—2,130 bgs, 303,290 lbs, Wyoming, Dunkirk; (Mariposa) 850 bgs, 86,860 lbs, Melbourne; 4,110 bgs, 437,040 lbs, Sydney
BORAX—1,000 bgs, 111,250 lbs, Asama, Osaka; (Mariposa) 50 bgs, 5,600 lbs, Geelong; 1,420 bgs, 159,040 lbs, Sydney; 570 bgs, 63,840 lbs, Melbourne; 20 bgs, 2,240 lbs, Brisbane; (Annie Johnson) 198 bgs, 22,180 lbs, Malmo; 394 bgs, 44,130 lbs, Ronneby; (President Pierce) 70 sx, 7,000 lbs, Santiago; 400 sx, 46,000 lbs, Havana; (Boren) 40 bgs, 4,480 lbs, Adelaide; 168 bgs, 18,820 lbs, Melbourne; 1,800 bgs, 201,600 lbs, Samuel Bakke, Manchester
GRANULAR—100 bgs, 11,200 lbs, Pacific Reliance, London; 493 bgs, 55,220 lbs, Wyoming, Antwerp
CLAY—114 sks, 11,400 lbs, Wyoming, Havre
DECOLORIZING—33,600 lbs, Mariposa, Melbourne
GROUND—100 sks, 10,000 lbs, Santa Elena, Cartagena
COLOR, DRY—3,680 lbs, Mariposa, Parramatta
FULLER'S EARTH—99,900 lbs, Wyoming, Havre
GLUCOSE—7,080 lbs, Mariposa, Auckland
GYPSUM—3,360 sks, 336,000 lbs, Mariposa, Auckland
INFUSORIAL EARTH—(Annie Johnson) 291 bgs, 29,100 lbs, London; 200 bgs, 20,160 lbs, Bergen; 1,200 bgs, 120,960 lbs, Santa Elena, Central Hershey; (Parthenia) 25 bgs, 2,040 lbs, London; 100 bgs, 11,200 lbs, Greenock; (Pacific Reliance) 560 bgs, 56,000 lbs, Glasgow; 116 bgs, 11,200 lbs, Liverpool; (Wyoming) 551 bgs, 56,000 lbs, Antwerp; 20 bgs, 2,050 lbs, Havre; 216 sks, 22,140 lbs, Nassandros
MINERAL SPTS—200 cs, 30 dms, 27,790 lbs, Boren, Melbourne
OIL, DIESEL—484 bbls, 151,010 lbs, Antigua, Porto Armuelles; 29,264 bbls, 9,130,370 lbs, Santa Maria, Balboa
FUEL—19,588 bbls, 6,522,800 lbs, Fryisan, Kawasaki; 53,516 bbls, 17,700,950 lbs, Santa Maria, Balboa; 3,608 bbls, 1,201,460 lbs, Texada, Vancouver
LUBRICATING—(Mariposa) 5 dms, 25,410 lbs, Sydney; 65 dms, 31,820 lbs, Melbourne
MOTOR—10 dms, 4,660 lbs, Boren, Adelaide
PEPPERMINT—1,950 lbs, Mariposa, Sydney
PETROLEUM, CRUDE—250 dms, 98,280 lbs, Boren, Melbourne; 6,227 bbls, 1,942,820 lbs, Texada, Vancouver
POTASH, MURIATE—18,000 bgs, 3,968,280 lbs, Asama, Yokohama
ROSIN—3,360 lbs, Mariposa, Sydney
GUM—2,580 lbs, Mariposa, Auckland
TALC—273 sks, 30,240 lbs, Santa Elena, Havana
TOILET PREPS—300 lbs, Mariposa, Dunedin; 500 lbs, Asama, Tokio; 880 lbs, Wyoming, Paris
TURPENTINE SPTS—38,020 lbs, Mariposa, Auckland

Mobile Exports

Clearance Dates

Nordvangen, July 30; Skogheim, July 25; Vestvangen, Aug 3

MEDICINAL PREPS—10 cs, Skogheim, Maracaibo
PINETAR—5 dms, Vestvangen, Georgetown
QUEBRACO EXTRACT—6 qtr dms, Skogheim, Maracaibo
ROSIN—30 dms, Nordvangen, Puerto Cabello; (Vestvangen) 80 dms, Kingston; 10 dms, Port of Spain

New Orleans Exports

Clearance Dates

Aase Maersk, July 25; Belfast, July 29; Cefalu, July 7, July 21; Chester Valley, July 25; Contessa, July 13, July 28; Cranford, July 25; Edgehill, August 1; Elmsport, July 31; Ethan Allen, August 4; Ida, August 3; Indiana, July 30; La Plata, July 13; Lindenbank, July 29; Morozan, July 16; Nordvangen, July 28; St Mary, July 9; Wanks, July 7; Wawa, July 9, July 16; Westmoreland, July 18

ACID, ACETIC—30 tons, Edgehill, Manchester
ASPHALT—5 tons, Elmsport, Avonmouth; 30 bbls, Indiana, Havre; 45 tons, Westmoreland, Havre
BENZOL—1,199 dms, Aase Maersk, Salonica-Piraeus-Istanbul
BLACK, CARBON—1,344 sx, Ida, Trieste; (Belfast) 7 tons, Kobe; 1 ton, Kobe-Yokohama-Osaka; 120 sx, Chester Valley, Barcelona; (Indiana) 3 200 sx, 50 cs, Havre; 25 cs, Dunkirk; 11 cs, Antwerp; (Cranford) 82 tons, Antwerp; 2 tons, Rotterdam; (Lindenbank) 176 cs, Melbourne; 349 cs, Sydney; 8 cs, Adelaide; (Westmoreland) 44 tons, Havre; 9 tons, Antwerp; 30 tons, Rotterdam; 9 tons, Hamburg; (La Plata) 2 tons, Yokohama; 16 tons, Kobe; (Edgehill) 43 tons, Liverpool; 47 tons, Manchester; 18 tons, Liverpool-Manchester; (Elmsport) 2 tons Avonmouth; 108 tons, Glasgow; (Ethan Allen) 41 tons, London; 77 tons, Hull; 10 ctns, St Mary, Vera Cruz
EARTH—1,418 sx, Cefalu, Havana
BONES, CATTLE—11 tons, La Plata, Osaka
BORAX—400 sx, 1 ton, St Mary, Vera Cruz
CALCIUM CARBIDE — 40 dms, Contessa, Puerto Cabezas
CHEMICALS—10 dms, St Mary, Vera Cruz
CLAY—600 sx, Indiana, Havre; (Lindenbank) 160 sx, Melbourne; 40 sx, Sydney; 27 tons, Westmoreland, Havre; 81 tons, Ethan Allen, London
GROUND—39 tons, Westmoreland, Hamburg; 10 tons, Elmsport, Glasgow; 27 tons, Ethan Allen, Hull
COALTAR—10 cs, 1 dm, Cefalu, Buenaventura
COTTONSEED PULP—132 bls, Chester Valley, Genoa
DISTILLATE—150 dms, Contessa, Ceiba
FIRECLAY—3 tons, Westmoreland, Hamburg; 12 sx, Cefalu, Ceiba; 71 tons, Contessa, Havana
GAS, LIQ—1 ton, Westmoreland, Rotterdam
GASOLINE—(Wanks) 608 dms, 75 cs, Puerto Cabezas; 300 dms, Ceiba
GLUCOSE—(Lindenbank) 20 bbls, Lyttleton; 100 bbls, Dunedin; 30 bbls, Auckland
GREASE, LUBRICATING—298 bbls, Indiana, Antwerp
KEROSENE — (Nordvangen) 200 cs, Port au Prince; 450 cs, Willemstad; 65 cs, Cefalu, Puerto Cabezas; 10 cs, 2 dms, Contessa, Puerto Cabezas
LACQUER—1 ton, Morazan, Vera Cruz
LARD—(Cefalu) 300 dms, 50 tins, Havana; 650 tins, Puerto Colombia; 75 tins, Ceiba; 20 cs, Balboa; 15 crts, Puerto Cabezas; (Contessa) 10 crts, Havana; 200 tins, Puerto Colombia
LICORICE—1 ton, Morazan, Vera Cruz; 1 ton, St Mary, Vera Cruz
LIME—10 sks, Cefalu, Puerto Cabezas
METHANOL—121 dms, Indiana, Havre
OIL, COTTONSEED, SOLID—60 sks, Cefalu, Ceiba
FUEL—25 dms, 2,000 bbls, Contessa, Puerto Cabezas; 12,600 gls, Wawa, Alvaro Obregon
LUBRICATING—(Ida) 160 bbls, Venice; 200 dms, Istanbul; 63 bbls, Fiume; 150 dms, Piraeus; 64 tons, Belfast, Kobe; (Indiana) 1,292 bbls, Havre; 28 bbls, Dunkirk; 147 bbls, Antwerp; 28 tons, Cranford, Rotterdam; (Lindenbank) 90 dms, Melbourne; 50 dms, Sydney; (Westmoreland) 54 tons, Havre; 27 tons, Rotterdam; 220 dms, La Plata, Yokohama; (Edgehill) 9 tons, Liverpool; 17 tons, Manchester; 39 tons, Elmsport, Glasgow; (Ethan Allen) 99 tons, London; 120 tons, Hull; 4 cs, 3 dms, Cefalu, Puerto Cabezas; 5 dms, Wawa, Alvaro Obregon; (Contessa) 12 cs, Corinto; 46 dms, Coquimbo; 5 dms, Puerto Cabezas; 9 cs, Nordvanger, La Guaira
MINERAL—25 bbls, Indiana, Dunkirk
OLIVE—25 cs, Cefalu, Ceiba; 25 cs, Contessa, Ceiba
PALM—71 dms, Cefalu, Ceiba
PINE—(Belfast) 5 tons, Osaka; 1 ton, Kobe
PARAFFIN—25 tons, Cranford, Antwerp; (Edgehill) 14 tons, Liverpool; 5 tons, Manchester; 54 tons, Ethan Allen, Hull
PETROLEUM—43 tons, Cranford, Antwerp; 66 tons, Westmoreland, Hamburg
PINETAR—20 dms, Lindenbank, Sydney; 100 dms, Morazan, Vera Cruz; 6 tons, Edgehill, Liverpool; 40 dms, St Mary, Vera Cruz; 10 dms, Wawa, Alvaro Obregon; 20 dms, Cefalu, Havana
ROSIN—(Belfast) 237 tons, Yokohama; 88 tons, Osaka; 4 dms, Morazan, Vera Cruz; 4 dms, St Mary, Vera Cruz
LIQUID—(Lindenbank) 15 dms, Freemantle; 25 dms, Sydney; 124 dms, Adelaide
WOOD—30 dms, Nordvangen, La Guaira; 5 dms, Cefalu, Valparaiso
SALT—(Lindenbank) 200 cs, Melbourne; 460 cs, 10 tons, Sydney; (Cefalu) 2 tons, Puerto Cabezas; 10 tons, Ceiba; (Contessa) 1 ton, Puerto Cabezas; 1 ton, Ceiba
ROCK—30 tons, Lindenbank, Brisbane
SODA, CAUSTIC—43 dms, Cefalu, Ceiba
SILICATE—400 sks, Contessa, Ceiba
SULPHATE—6 bbls, St Mary, Tampico
SOYBEAN MEAL—(Cranford) 505 tons, Antwerp; 201 tons, Rotterdam
STARCH—940 sks, Morazan, Vera Cruz; 3 tons, Elmsport, Avonmouth; (Ethan Allen) 2 tons, London; 1 ton, Hull; 150 sks, Cefalu, Havana
SULPHUR—(Lindenbank) 2,000 tons, Auckland; 1,000 tons, New Plymouth
TALLOW—11 tcs, Contessa, Havana
INEDIBLE—35 dms, Cefalu, Ceiba; 25 dms, Contessa, Ceiba
TRIPOLI—112 sks, Lindenbank, Sydney
TURPENTINE—55 cs, Cefalu, Puerto Colombia
VARNISH—20 dms, Cefalu, Havana
WAX—220 bbls, Indiana, Antwerp; 44 tons, Ethan Allen, London; 200 sks, Contessa, Guavaquil
MINERAL—12 tons, Westmoreland, Antwerp

Norfolk Exports

Clearance Dates

Black Heron, July 18; City of Baltimore, July 17; City of Hamburg, July 25; Delaware, July 23; Maron, July 23; Osiris, July 20; Quaker City, July 23; Thurland Castle, July 16

ALCOHOL ISOPROPYL—1 dm, City of Hamburg, London
BARK—2 bls, City of Baltimore, Hamburg
BONE SCRAP—640 bgs, 48,220 lbs, Osiris, Hamburg; 958 bgs, 73,040 lbs, City of Hamburg, Hamburg
CARBON—TETRACHLORIDE—57 dms, 40,332 lbs, City of Hamburg, London
CHEMICALS—24 dms, City of Hamburg, London
CORN FLOUR—470 bgs, 66,505 lbs, Thurland Castle, Manila
ELM BARK, SLIPPERY—28 bls, City of Baltimore, London
FLAVORING EXTRACT—3 cs, 304 lbs, City of Baltimore, Hamburg
HEMLOCK EXTRACT—60 bbls, 36,140 lbs, City of Baltimore, London
HYDRANGEA ROOT—1 bl, City of Baltimore, London
MEDICINAL PREPS—8 pkgs, Black Heron, Antwerp; 6 bxs, Maron, Belawan
MICA, GROUND—100 bgs, 11,000 lbs, Black Heron, Antwerp
PULVERIZED—210 bgs, 21,210 lbs, Black Heron, Antwerp; 100 bgs, 10,100 lbs, City of Hamburg, Hamburg
OIL, CEDAR—7 dms, 3,350 lbs, City of Hamburg, Hamburg
SPEARMINT—3 dms, City of Baltimore, London
POTASH MURIATE—2,000 bgs, Osiris, Hamburg
SASSAFRAS BARK—9 bgs, City of Baltimore, London
ROOT CHIPS—25 bgs, City of Baltimore, London
SOLVENTS—377 dms, City of Hamburg, London
SOYBEAN MEAL—998 bgs, 100,299 lbs, Delaware, Oslo
SQUAW VINE—2 bgs, City of Baltimore, London
STARCH—100 bgs, 22,000 lbs, Delaware, Oslo
CORN—470 bgs, Thurland Castle, Manila
SULPHUR DIOXIDE—4 cyls, Thurland Castle, Manila
TANNING EXTRACT, LIQ—910 bbls, 539,907 lbs, Quaker City, Liverpool
POWDERED—538 bgs, 80,700 lbs, Quaker City, Liverpool; 40 bgs, 4,000 lbs, City of Baltimore, London
WITCH HAZEL BARK—9 bls, 3,308 lbs, City of Baltimore, Hamburg
LEAVES—35 bls, 7,742 lbs, City of Baltimore, Havre

Philadelphia Exports

Clearance Dates

Ardenvohr, August 6; Black Osprey, July 31; Boschdyk, August 1; Chemnitz, August 7; Hindenburg, August 8; Kwanto, August 3; Maylayan Prince, August 31; Nagara, August 7; Port Fremantle, July 31; San Rafael, August 4; Sandown Castle, August 6; Scanstates, August 3; Schodack, July 31; Steel Navigator, August 1; Uruguayo, July 31

ACID, ADIPIC—1 box, Port Fremantle, Sydney
PHOSPHORIC—2 bbls, Black Osprey, Rotterdam
BLACK, BONE—85 bgs, Port Fremantle, Sydney; 17 bgs, Scanstates, Gothenburg; 3 dms, Ardenvohr, Sydney
LAMP—4 crtns, Steel Navigator, Manila
CEMENT, FIBER—2 dms, Uruguayo, Buenos Aires
RUBBER—2 dms, Uruguayo, Buenos Aires
CHEMICALS—1 box, Black Osprey, Groningen
CLAY—5 bgs, Boschdyk, Rotterdam
CLEANING COMP—62 dms, Schodack, Havre
COCOA-BUTTER—20 cs, Kwanto Maru, Yokohama
CAKE—2,544 bgs, Black Osprey, Amsterdam
WASTE—56 bgs, Black Osprey, Amsterdam
CORN MEAL—(Chemnitz) 1,015 bgs, Bergen; 3,140 bgs, Oslo
DICHLORODIFLUOROMETHANE—6 cylinders Scanstates, Copenhagen
DYEWOOD EXTRACT—19 cs, Nagara Maru, Yokohama
FIRECLAY—6 bbls, Port Fremantle, Sydney
GREASE—7 dms, Uruguayo, Buenos Aires
LUBRICATING—(Black Osprey) 3 dms, 6 pls, Rotterdam; 2 dms, Amsterdam; 15 dms, 35 pls, 43 cs, Antwerp; (Port Fremantle) 10 bbls, Brisbane; 40 bbls, 9 dms, Sydney; 55 bbls, Melbourne; (Scanstates) 5 hf-dms, Helsingfors; 1 dm, 1 cs, Gothenburg; 2 dms, Stockholm; 2 dms, San Rafael, Callao; (Steel Navigator) 5 dms, Manila; 1 dm, Sourabaya, option Batavia; 32 pails, Ardenvohr, Melbourne
INK, MARKING—1 dm, Port Fremantle, Sydney
INSECTICIDE—49 ctns, Steel Navigator, Manila; 1 bx, Ardenvohr, Sydney
LICORICE MASS (Black Osprey) 50 cs, Rotterdam; 20 cs, Antwerp; 10 cs, Port Fremantle, Sydney; (Scanstates) 28 cs, Helsingfors; 5 cs, Gothenburg; 10 cs, Stockholm; (Ardenvohr) 20 cs, Melbourne; 5 cs, Sydney
LINSEED CAKE—1,260 bgs, Black Osprey, Rotterdam
MOLASSES RES—1 cs, Hindenburg, Frankfurt
NEOLITE—1 bbl, Ardenvohr, Melbourne
OIL, FLOTATION—8 dms, Steel Navigator, Manila
ILLUMINATING—100 bbls, Schodack, Havre
LARD—1 cs, Chemnitz, Hamburg
LUBRICATING—66 ctns, 245 bbls, 98 dms, Black Osprey, Antwerp; (Port Fremantle) 2,116 pkgs, Sydney; 9 dms, 20 bbls, 121 pkgs, Melbourne; 882 pkgs, Brisbane; 10 pkgs, Rockhampton; 345 pkgs, Adelaide; 10 pkgs, Townsville; 130 pkgs, Newcastle; (Scanstates) 65 dms, Copenhagen; 45 dms, 45 hlf dms, 20 qtr dms, 30 cs, Helsingfors; 36 dms, Gothenburg; 18 dms, 1 crt, 1 bx, Stockholm; 8 pkgs, Gdynia; (San Rafael) 5 dms, 15 qtr dms, Callao; 48 qtr dms, Moliendo; 3 dms, Salaverry; 15 dms, Guayaquil; (Schodack) 160 bbls, 1 bx, 52 ctns, Havre; 82 bbls, Dunkirk; (Steel Navigator) 6 dms, Sourabaya, Batavia; 45 dms, 29 ctns, Manila; 7 pkgs, Boschdyk, Rotterdam; (Malayan Prince) 768 pkgs, Shanghai; 30 dms, 420 pkgs, Manila; 95 pkgs, Cebu; 110 pkgs, Iloilo; (Kwanto) 6 dms, Yokohama; 90 dms, Osaka; 360 dms, Shanghai; (Chemnitz) 150 dms, 65 bbls, Hamburg; 150 pkgs, Bremen; 185 pkgs, Prague; 203 pkgs, Vienna; 27 dms Ardenvohr, Sydney; (Sandown Castle) 1,095 pkgs, East London; 1,473 pkgs, Port Elizabeth; 1,832 pkgs, Durban; 1,824 pkgs, Capetown; 2,500 pkgs, Beira; 5,596 pkgs, Lourenco Marques; (Nagara) 380 pkgs, Kobe; 300 pkgs, Moji; 589 pkgs, 150 dms, 1 cs, Yokohama; 660 pkgs, Dairen
MINERAL—65 bbls, Schodack, Havre
PAINT—45 dms, 122 pls, 1 cs, Uruguay, Buenos Aires
PARAFFIN — 1,929 bgs, Kwanto, Dairen; (Chemnitz) 588 bbls, Hamburg; 84 bbls, Bremen
POLISH—1 pail, Uruguayo, Buenos Aires
POMACE, APPLE—216 bgs, Chemnitz, Hamburg
RAPESEED MEAL—1,140 bgs, Scanstates, Gothenburg
RESIN—6 dms, Chemnitz, Moscow
RUBBER SOL—10 dms, Scanstates, Gothenburg
SAND, FILTER—97 bgs, Schodack, Havre; (Kwanto) 156 bgs, Yokohama; 375 bgs, 36 dms, Kobe
SILICA—86 dms, Port Fremantle, Brisbane
SCOURING COMP—290 ctns, 3 bdls, Schodack, Havre
SOAP—4 ctns, Black Osprey, Antwerp
SODA ASH—(Scanstates) 2 bbls, Gothenburg; 3 dms, Stockholm
BICHROMATE—1 pail, Uruguayo, Buenos Aires
TANNING MATERIAL, DRY—(Port Fremantle) 21 bbls, Sydney; 10 bbls, Melbourne; 15 bxs, 2 bbls, Kwanto, Yokohama; 31 bbls, Ardenvohr, Sydney
TRIAMYLAMINE — 1 bx, Scanstates, Stockholm
WAX, CRUDE—56 bbls, Steel Navigator, Manila

San Francisco Exports

Clearance Dates

Admiral Halstead, July 20; Antigua, July 23; Boren, July 22; Emma Alexander, July 21; General Lee, July 20; Granville, July 18; India, July 22; La Placentia, July 22; Mariposa, July 20; Narenta, July 18; Nichiyo, July 18; Nore, July 20; Orion, July 18; President Wilson, July 17; Rosebank, July 22; San Diego, July 18; Santa Elena, July 24

ABRASIVE PAPER—1 cs, President Wilson, Singapore; 1 cs, Mariposa, New Zealand
ACETONE—126 dms, Narenta, Norway
ACID, BORIC—40 sks, Mariposa, Australia
ALUMINA SULPHATE—1,000 sks, Admiral Halstead, Ocean Falls
AMMONIA—1 cs, Antigua, Puerto Armuelles
ANHYDROUS—30 cyls, President Wilson, Singapore
APRICOT KERNELS—860 sks, Narenta, Holland; (India) 50 sks, Malmo; 21 sks, Kolding; 208 sks, Copenhagen
ASPHALT—(President Wilson) 50 dms, Madras; 60 dms, Hongkong; 880 bbls, Singapore; 515 bbls, Penang; 200 bbls, La Placentia, Shellburn; 5 bbls, Antigua, Colon
GRITS—56 sks, Boren, Australia
SOLID—1 cs, President Wilson, Bahrein
BAKING POWDER—2 cs, Santa Elena, San Jose de Guatemala
BENZOLENE—25 dms, Boren, Australia
BIOLOGICALS—3 cs, Emma Alexander, Regina
BLACK, CARBON—8,074 sks, 144 cs, Mariposa, Australia; 160 sks, Rosebank, Victoria
LAMP—14 cs, Mariposa, Australia
BLEACHING POWDER—1 dm, India, Copenhagen
BLUE, LAUNDRY—5 cs, President Wilson, Manila
BORAX—90 sks, Mariposa, Australia; 10 sks, Santa Elena, Mazatlan
BRONZ LIQ—1 cs, Santa Elena, La Libertad
CAFFEIN CRYST—2 cs, Mariposa, Australia
CALCIMINE—5 cs, Mariposa, New Zealand; (Santa Elena) 4 cs, Guatemala; 6 cs, La Libertad; 6 cs, 10 kgs, San Jose
CALCIUM HYPOCHLORITE—1 cs, President Wilson, Philippine Islands
CAN COMP—1 dm, Rosebank, Vancouver
CANARY SEED—20 sks, President Wilson, Manila
CARBON TETRACHLORIDE—3 cs, Rosebank, Vancouver
CEMENT, CAN—60 dms, Rosebank, Vancouver
FLOOR-COVERING—30 dms, President Wilson, Bombay; 6 cs, President Wilson, Hongkong
INSULATING—40 sks, President Wilson, Bahrein
LIQUID—(Mariposa) 10 dms, Australia; 2 cs, New Zealand
ROOF—(President Wilson) 1 cs, Arabia; 1 cs, President Wilson, Al Khobar; 1 cs, Santa Elena, Callao
CHEMICALS—(President Wilson) 1 cs, Al Khobar; 1 cs, Kobe; (Mariposa) 9 pkgs, Australia; 6 pkgs, New Zealand
PHOTO—1 cs, President Wilson, Guam
CINNAMON—4 bls, Santa Elena, San Jose de Guatemala
CLEANING COMP—30 cs, Mariposa, Australia; 2 cs, Antigua, Colon
POWDER—1 cs, Santa Elena, San Jose de Guatemala
CLOVES—1 bg, Santa Elena, Mazatlan
COCONUT, DESIC—3 cs, Antigua, Puerto Armuelles
COCOA BUTTER—40 cs, Mariposa, New Zealand
COLOR, CADMIUM—5 bbls, Mariposa, Australia
CEMENT—1 cs, Mariposa, New Zealand
DRY—(Mariposa) 4 cs, New Zealand; 3 cs, Australia; (Santa Elena) 8 bbls, Havana; 1 bbl, San Jose de Guatemala
OIL—2 cs, President Wilson, Arabia
CRAYONS—10 cs, Rosebank, Vancouver
DENTIFRICES—13 cs, President Wilson, Penang; 1 cs, Mariposa, Solomon Islands; 1 cs, Emma Alexander, Vancouver
DICHLORODIFLUOROMETHANE — 24 cyls, President Wilson, Philippine Islands
DRUGS, CRUDE—1 dm, Mariposa, Australia
EXTRACTS—1 dm, 2 cs, Mariposa, Australia
FILTER COMP—1 cs, President Wilson, Manila
PAPER—1 cs, Rosebank, Vancouver
FLUX, CRYSTAL—2 dms, President Wilson, Shanghai
GASOLINE—1 cs, President Wilson, Tientsin; 2,500 dms, Boren, Australia
GINGER ROOT—24 sks, Mariposa, Australia; 35 sks, Boren, Australia
GLASS, SHEET—6 crts, President Wilson, Al Khobar
WINDOW—(President Wilson) 6 cs, Manila; 2 cs, Bahrein
GLUCOSE—90 bbls, President Wilson, Manila; 60 bbls, General Lee, Manila
GOLD COLLOIDAL SOL—1 cs, President Wilson, Philippine Islands
GREASE, LUBRICATING—(President Wilson) 25 bbls, 5 cs, Singapore; 1 dm, 1 cs, Colombo; 27 dms, Straits Settlements; (Mariposa) 1 pkg, New Guinea; 210 dms, Australia; 99 dms, 45 pls, 49 cs, La Placentia, Shellburn; (Rosebank) 121 dms, 259 pls, 174 cs, Vancouver; 85 dms, Boren, Australia; 4 dms, 1 hlf dm, Antigua, Colon
GUM COMPOUND, SYNTH—1 dm, Mariposa, Australia
GYPSUM, CALCINED—40 sks, President Wilson, Manila
HYDROGEN, PEROXIDE—60 cs, Mariposa, New Zealand
INK, MIMEOGRAPH—1 cs, Mariposa, Tonga
PRINTING—12 kgs, 1 cs, 4 dms, Mariposa, Australia
INSECTICIDE—5 cs, President Wilson, Shanghai
HOUSEHOLD—50 cs, Rosebank, Shellburn; 11 cs, Antigua, Colon
IRON OXIDE—4 bbls, Mariposa, Australia
KELP MEAL—32 sks, President Wilson, Hongkong
KEROSENE—220 dms, Boren, Australia; 20 dms, Antigua, Puerto Armuelles
LACQUER—1 cs, Mariposa, New Zealand; 3 cs, Rosebank, Vancouver; (Santa Elena) 6 cs, La Libertad; 5 cs, San Jose de Guatemala
THINNER—(Santa Elena) 1 dm, Havana; 1 dm, 4 cs, La Libertad
LARD SUBSTITUTE—2 cs, President Wilson, Al Khobar
LEAD ARSENATE, DRY—242 cs, Boren, Australia
RED—5 kgs, Santa Elena, San Jose de Guatemala
RED, DRY—12 dms, President Wilson, Manila
WHITE—(Santa Elena) 2 kgs, Mazatlan; 5 kgs, San Jose de Guatemala; 2 cs, Santa Elena, Guatemala
LEMON EXTRACT—1 cs, Narenta, Aruba
LINSEED CAKE—3,400 sks, India, Copenhagen
LITHARGE—8 dms, President Wilson, Manila
LITHOPONE—40 sks, Rosebank, Vancouver
LUBRICANT—24 cs, Rosebank, Vancouver
MEDICINAL PREPS (President Wilson) 1 cs, Seoul; 22 pkgs, Manila; 3 dms, Kobe; 65 cs, Mariposa, Australia; (Santa Elena) 1 cs, Paramaribo; 1 cs, Port of Spain
SOLUTION—1 cs, Mariposa, Australia
MILK POWDER—(President Wilson) 14 cs, Bombay; 20 bbls, Hongkong
MINERAL SPTS—4 dms, Santa Elena, Guayaquil
NAPHTHA—150 dms, La Placentia, Shellburn; 150 dms, Boren, Australia
OIL, CASTOR—2 cs, Mariposa, Samoa
COCONUT—18 bbls, Mariposa, New Zealand; 1 dm, Rosebank, Vancouver; (Santa Elena) 10 dms, Curacao; 50 dms, San Jose de Guatemala
CREOSOTE—20 kgs, Santa Elena, Mazatlan
COTTONSEED—3 dms, Rosebank, Vancouver
CYLINDER—2 dms, President Wilson, Singapore; 2 dms, Antigua, Colon
DIESEL—42,096 bbls, San Diego, Japan; 88,000 bbls, Nore, Germany
FISH, HARDENED—(Santa Elena) 100 sks, Mazatlan; 175 sks, Puerto Colombia
FUEL—9,843 bbls, San Diego, Japan; 12 dms, Boren, Fiji Islands
HAIR—1 cs, Santa Elena, Guatemala
INEDIBLE—25 dms, Santa Elena, Colon
LAVENDER—9 dms, Mariposa, Australia
LINSEED—(President Wilson) 6 cs, Arabia; 10 cs, Bahrein; (Santa Elena) 5 kgs, 10 dms, San Jose de Guatemala; 12 kgs, La Libertad
LUBRICATING—(President Wilson) 185 dms, Shanghai; 70 dms, Singapore; 55 dms, Colombo; 207 dms, Straits Settlements; 35 dms, Bombay; 1 cs, Narenta, Holland; (Mariposa) 1 dm, New Zealand; 2,506 dms, 6 cs, Australia; 72 dms, La Placentia, Shellburn; 113 dms, Rosebank, Shellburn; 281 dms, 50 qtr dms, Boren, Australia; (Antigua) 30 dms, 32 cs, Colon; 10 dms, Kingston; (Santa Elena) 70 dms, Guayaquil; 40 dms, 1 cs, Santa Elena, Mazatlan
LUBRICATING, LIGHT—2 cs, Mariposa, New Guinea; 10 cs, Rosebank, Shellburn
NEATSFOOT—1 cs, Santa Elena, Mazatlan
SALAD—3 cs, President Wilson, Al Khobar; 1 cs, General Lee, Yokohama
SOYBEAN—48 cs, Antigua, La Paz

PAINT—(President Wilson) 12 cs, 5 dms, 30 pls, Singapore; 21 cs, 5 pls, Madras; 10 cs, 1 dm, Hongkong; 113 pls, Al Khobar; 18 kgs, Bahrein; 77 cs, 5 kgs, Manila; 40 kgs, Iloilo; (Mariposa) 3 cs, New Zealand; 1 cs, Australia; 2 dms, General Lee, Yokohama; (Santa Elena) 3 pls, Mazatlan; 55 cs, 10 kgs, 8 dms, Havana; 57 cs, San Jose de Guatemala; 37 cs, La Libertad; 4 dms, 60 kgs, 56 cs, Guatemala
AUTO TOP—2 cs, Antigua, Colon
CEMENT—1 cs, Mariposa, New Zealand
COLD-WATER—1 cs, Mariposa, New Zealand
DRIER—1 cs, President Wilson, Arabia
DRY—4 pls, President Wilson, Al Khobar; 125 lbs, Rosebank, Vancouver
ENAMEL—7 dms, Mariposa, Australia; 2 cs, Rosebank, Vancouver; 17 pls, Santa Elena, Mazatlan
FILLER—1 cs, Santa Elena, La Libertad
PREPARED—2 cs, Mariposa, Samoa; 10 dms, President Wilson, Manila; 2 cs, Boren, Tonga; 2 cs, Santa Elena, Havana
PASTE—1 cs, Santa Elena, San Jose de Guatemala
PRIMER—1 cs, Rosebank, Vancouver
REDUCER—8 cs, President Wilson, Al Khobar
REMOVER—2 cs, President Wilson, Manila
THINNER—2 dms, 1 cs, Santa Elena, Havana
PARAFFIN—20 sks, Rosebank, Vancouver; 250 sks, Antigua, Callao
PASTE, LABEL—1 crt, Rosebank, Vancouver
PECTIN, FRUIT—7 cs, President Wilson, Shanghai; 1 bbl, Granville, Oslo
PETROLATUM—2 cs, President Wilson, Al Khobar
PERFUMERY—3 cs, President Wilson, Manila
PETROLEUM—100 dms, President Wilson, Kobe; 254 dms, Narenta, Holland; 75 bbls, Admiral Halstead, Ocean Falls; 95 dms, Boren, Australia
PUTTY—7 dms, Mariposa, Australia
CRUDE—12,000 tons, Orion, Japan; 7,060 bbls, Nichiyo, Osaka; 23,000 bbls, San Diego, Japan; 75,000 bbls, La Placentia, Shellburn
PIPE-SEALING COMP—3 dms, President Wilson, Manila
POLISH, AUTO—(President Wilson) 1 cs, Manila; 1 cs, Penang; 1 cs, Kobe; 3 cs, Antigua, Colon
FURNITURE—90 cs, Rosebank, Shellburn
METAL—5 cs, President Wilson, Singapore; 17 cs, Rosebank, Vancouver; 2 cs, Antigua, Colon
SHOE—24 cs, President Wilson, Manila
SILVER—1 cs, President Wilson, Al Khobar
WAX—1 cs, Mariposa, New Zealand
POPPYSEED—1 bg, Santa Elena, San Jose de Guatemala
POTASH CAUSTIC, FLAKE—3 dms, Rosebank, Vancouver
ETHYL XANTHATE—179 dms, Boren, Australia
PUTTY—(President Wilson) 1 cs, 4 kgs, Bahrein; 2 cs, Arabia; 6 pkgs, Manila; 2 cs, Al Khobar; (Santa Elena) 2 kgs, Havana; 1 cs, San Jose de Guatemala; 7 dms, Mariposa, Australia
RADIATOR COMP—4 cs, Antigua, Colon
RESIN—1 bbl, 11 dms, Mariposa, Australia
ROSIN, GUM—35 bbls, Mariposa, New Zealand
SALT—2 cs, President Wilson, Al Khobar; (Rosebank) 1,650 cs, Vancouver; 460 tons, Vancouver
IODIZED—100 cs, Mariposa, New Zealand
SULPHURIZED—(Mariposa) 50 cs, New Zealand; 2,200 sks, Australia
SAND—311 sks, President Wilson, Manila
SHELLAC—2 cs, President Wilson, Arabia
DRY—(Santa Elena) 3 sks, San Jose de Guatemala; 1 cs, 1 bg, La Libertad
GUM—51 bbls, Rosebank, Vancouver
SOAP—1 cs, General Lee, Yokohama
FLAKE—20 cs, President Wilson, Hongkong; 2 cs, Santa Elena, San Jose de Guatemala
LAUNDRY—500 cs, President Wilson, Manila
TOILET—400 cs, President Wilson, Manila; 92 cs, Mariposa, Australia
SODA—(President Wilson) 52 cs, Shanghai; 28 cs, Hongkong
BICARBONATE—2 cs, 13 kgs, Santa Elena, Mazatlan
SILICATE—500 sks, Admiral Halstead, Ocean Falls; 11 bbls, 31 dms, Rosebank, Vancouver
SOLDER, LIQ—1 dm, Mariposa, New Zealand
SOLVENT—1 cs, Mariposa, New Zealand
PETROLEUM—5 dms, La Placentia, Shellburn; 50 dms, Rosebank, Shellburn; 4 cs, Antigua, Colon
SULPHUR—10 sks, President Wilson, Manila; 45 sks, Mariposa, Australia
DIOXIDE—4 cyls, Admiral Halstead, Ocean Falls; 9 cyls, Antigua, Puerto Armuelles
SWEEPING COMP—1 bbl, President Wilson, Al Khobar
TALLOW—80 dms, Santa Elena, San Jose de Guatemala
INEDIBLE—(Santa Elena) 65 dms, Havana; 6 dms, San Jose de Guatemala
TAPIOCA—(Santa Elena) 25 sks, Mazatlan; 1 bg, San Jose de Guatemala
THYME, RED—1 bbl, Mariposa, Australia
TOILET PREPS—(President Wilson) 7 cs, Shanghai; 1 cs, Manila; 1 cs, Bangkok; 1 cs, Karachi; (Mariposa) 194 cs, Australia; 1 cs, New Hebrides; 1 cs, Rosebank, Vancouver; 1 cs, Santa Elena, San Salvador
TREE WASH, DRY—40 cs, Mariposa, Australia
TURPENTINE — (President Wilson) 2 cs, Arabia; 10 cs, Bahrein
SPIRITS—55 cs, 11 dms, Mariposa, New Zealand
VANILLA EXTRACT—1 cs, Narenta, Aruba; (Antigua) 1 cs, Puerto Armuelles; 2 cs, Ciudad Bolivar
VARNISH—(President Wilson) 2 dms, 1 cs, Shanghai; 4 cs, Manila; (Santa Elena) 3 cs, San Jose de Guatemala; 2 dms, 2 cs, La Libertad
VERMIN POISON—1 cs, Mariposa, Australia
WAX, FLOOR—1 cs, Santa Elena, San Jose de Guatemala
WELDING COMP—1 cs, President Wilson, Al Khobar
WHITING—1 bbl, Santa Elena, San Jose de Guatemala
YEAST—(President Wilson) 1 cs, Bombay; 60 cs, Kobe
ZINC DUST—(Rosebank) 6 cs, Red Lake; 20 dms, Erie
HYDROSULPHITE—50 dms, Admiral Halstead, Ocean Falls
SULPHATE—2 cs, President Wilson, Arabia

Savannah Exports

Clearance Dates

Belray, August 5; Norden, July 30; Saccarappa, August 1; The Angeles, July 31; Tulsa, August 5.

BONE, CHARRED—250 bgs, Tulsa, London
CLAY—(Saccarappa) 1,600 bgs, Liverpool; 30 tons, Liverpool-Manchester; 1,640 bgs, Tulsa, London; 3,714 tons, Norden, London; 1,200 bgs, The Angeles, Buenos Aires
COTTON LINTERS—323 lbs, Saccarappa, Hamburg
ROSIN, GUM—(Saccarappa) 300 bbls, Manchester; 1,125 bbls, Liverpool; 1,925 bbls, Hamburg; 46 bbls, Dublin; 275 bbls, Aberdeen; (Tulsa) 766 bbls, London; 100 bbls, Hull; 500 bbls, Antwerp; 628 bbls, Rotterdam; 2,300 bbls, Belray, Bristol; (The Angeles) 450 bbls, Rio Janeiro; 128 bbls, Santos; 30 dms, Porto Alegre; 500 bbls, Montevideo; 1,400 bbls, Buenos Aires; 100 bbls, Bahia Blanca
OIL—5 dms, The Angeles, Buenos Aires
SIZE, DRY—50 bgs, Tulsa, Antwerp
WOOD—100 bbls, Tulsa, Rotterdam
TURPENTINE, GUM—(Saccarappa) 575 bbls, Liverpool; 200 bbls, Bristol; 370 bbls, Manchester; 336 bbls, Hamburg; (Tulsa) 475 bbls, London; 200 bbls, Hull; 79 bbls, Antwerp; 125 bbls, Rotterdam; (The Angeles) 36 dms, 30 cs, Santos; 25 cs, Rio Grande do Sul; 50 cs, Porto Allegre; 50 cs, Montevideo; 100 cs, Buenos Aires

Tampa Exports

Clearance Date

City of Omaha, July 31

PHOSPHATE—3,150 tons, City of Omaha, Stettin

Coastwise Shipments

Corpus Christi Coast Trade

PETROLEUM CRUDE—73,431 bbls, Derbyline, Baytown; 111,930 bbls, Charles Pratt, Baytown; 143,869 bbls, W S Farish, Baytown; 49,719 bbls, Thermo, Texas City; 75,229 bbls, Larry Doheny, Bayonne; 33,120 bbls, Federal, Houston; 26,112 bbls, Alabama, Port Arthur; 132,509 bbls, Charles G Black, Baytown; 74,574 bbls, Joseph Seep, Baytown

Galveston Coast Trade

GASOLINE—56,290 bbls, Brandywine, Tacoma
SALT—12 cs, Point Lobos, Seattle

Los Angeles Coast Trade

GASOLINE—73,949 bbls, Utacarbon, Oleum; 53,918 bbls, Arizona, Seattle; 5,394 bbls, S & C No 2, San Diego; 23,197 bbls, Edwin B de Golio, San Francisco; 81,437 bbls, Agwiworld, Seattle; 49,195 bbls, Kekoskee, San Francisco; 4,798 bbls, S & C No 41, San Diego; 4,429 bbls, La Purisima, Oleum; 80,378 bbls, K R Kingsbury, San Francisco; 72,469 bbls, Texas, New York
KEROSENE—1,810 bbls, Arizona, Seattle
OIL, DIESEL—5,249 bbls, Emedio, Portland; 4,618 bbls, Kekoskee, San Francisco; 311 bbls, S & C No 41, San Diego; 10,980 bbls, La Purisima, Portland
FUEL—34,561 bbls, Cathwood, Oleum; 49,939 bbls, Brazos, Bremerton; 7,450 bbls, James Griffiths, Tacoma; 61,297 bbls, Emidio, Portland; 33,880 bbls, La Purisima, Seattle; 15,211 bbls, Los Angeles, Tacoma; 46,488 bbls, Los Angeles, Seattle
FURNACE—1,873 bbls, Emidio, Portland
LUBRICATING—1,006 bbls, La Purisima, Oleum
PETROLEUM, CRUDE—35,169 bbls, Cathwood, Oleum
SOLVENT—2,166 bbls, La Purisima, Seattle

New Orleans Coast Trade

PAINT—50 dms, Chester Valley, Galveston

San Francisco Coast Trade

ACID—33 tons, West Planter, Portland, Ore
ANTIMONIAL LEAD — 46 tons, Californian, New York
APRICOT KERNELS—47 tons, Panaman, New York
BRISTLES—1 cs, Virginian, New York
CASSIA—1 cs, Pennsylvania, New York
100 bls, Pennsylvania, Los Angeles
CASEIN—1,455 sks, Ensley City, Portland, Me
CEMENT, LIQUID—30 cs, Columbian, Portland, Ore
COCONUT, DESIC—140 cs, William Luckenbach, Philadelphia
200 cs, William Luckenbach, Philadelphia
350 cs, Californian, New York
154½ tons, Virginian, New York
525 cs, Florence Luckenbach, New Orleans
443 cs, Florence Luckenbach, Houston
2,046 cs, Panaman, New York
1,967 cs, Dorothy Luckenbach, New York
19 tons, Pennsylvania, Baltimore
64 tons, Pennsylvania, Norfolk
376 cs, Pennsylvania, Los Angeles
CRACKLINGS—500 sks, Brookings, Portland, Ore
DRESSING, AUTO TOP — 26 cs, Columbian, Portland, Ore
FIG PASTE—14 tons, Pennsylvania, Baltimore
FLAVORING SYRUP—28 cs, Columbian, Portland, Ore
GLUE—16 tons, William Luckenbach, Boston
GREASE, LUBRIC—100 cs, Columbian, Portland, Ore
INK—3 cs, Ensley City, Baltimore
INSECTICIDE—4 cs, Columbian, Portland, Ore
IRON OXIDE—45 tons, Dorothy Luckenbach, New York
LACQUER—35 cs, Virginian, Seattle
LARD, VEGETABLE—500 cs, Florence Luckenbach, Mobile
LIME—1,200 sks, Hollywood, Portland, Ore
MAGNESITE—12 tons, Dorothy Luckenbach, Philadelphia
MILK POWDER—16 tons, William Luckenbach, Philadelphia
20 tons, Florence Luckenbach, New Orleans
36 tons, Florence Luckenbach, Houston
40 tons, Panaman, New York
17 tons, Panaman, Philadelphia
14 tons, Wildwood, Philadelphia
SUGAR—16 tons, Californian, Philadelphia
MUSTARD SEED—311 sks, Florence Luckenbach, New Orleans
OIL—240 tons, West Planter, Portland, Ore
70 dms, Hollywood, Portland, Ore
COCONUT—1 cs, Point San Pablo, Los Angeles
FUEL—3,500 bbls, Admiral Senn, Seattle
460,000 lbs, Admiral Halstead, Seattle
LUBRICATING—280 dms, Ensley City, Baltimore
16 cs, Columbian, Portland, Ore
35 tons, Virginia, New York
72 tons, Florence Luckenbach, New Orleans
600 cs, 15 dms, Virginian, Seattle
10 cs, 1 dm, Virginian, Tacoma
PERILLA—48 dms, Ensley City, Portland, Me
OLEOMARGARIN — 600 cs, Katrina Luckenbach, Portland, Ore
PAINT—650 cs, Admiral Senn, Seattle
123 cs, 5 pls, Virginian, Seattle
210 dms, Point Salinas, Mobile
DRIER—20 tons, Wildwood, Philadelphia
REDUCING COMP—62 cs, 136 pls, 5 dms, Virginian, Seattle
PAPRIKA—2 sks, Panaman, Los Angeles
POLISH, AUTO—16 cs, Columbian, Portland, Ore
POTASH—16 tons, Charles R McCormick, Portland, Ore
SALT—2,000 sks, Admiral Senn, Seattle
60 tons, Charle R McCormick, Portland, Ore
200,000 lbs, Admiral Halstead, Seattle
1,500 pkgs, Peter Helms, Tacoma
7,000 pkgs, Peter Helms, Seattle
5,000 pkgs, Brookings, Portland, Ore
1,100 pkgs, Hollywood, Portland, Ore
600 sks, Hollywood, Portland, Ore
SAND—600 sks, Peter Helms, Seattle
SESAME SEED—118 sks, Pennsylvania, Los Angeles
SHELLAC—2 cs, Virginian, Seattle
SOAP—267 cs, Californian, New York
12 cs, Columbian, Portland, Ore
SODA ASH—1,500 sks, Hollywood, Portland, Ore
PERBORATE—1 bbl, Columbian, Portland, Ore
SILICATE—150 sks, Virginian, Seattle
300 sks, Peter Helms, Tacoma
SYNASOL—5 dms, Virginian, Seattle
TALLOW—1,261 dms, Point San Pablo, Los Angeles
EDIBLE—19 tons, Florence Luckenbach, New Orleans
INEDIBLE—135 pkgs, William Luckenbach, Philadelphia
MIXED—162 pipes, Virginian, New York
TOBACCO SCRAP—50 bls, Florence Luckenbach, New Orleans
VARNISH—3 dms, Virginian, Seattle

Oils, Fats and Waxes

Fatty Acids

(Continued from page 44)

FATTY ACIDS.—Corn oil, double distilled, 6½c. to 7c. per pound, tankcar; 7c. to 7¼c., barrels, car lots; 7½c. to 7¾c., barrels, less than car lots; coconut oil, acidulated, 6¼c. to 6¾c. per pound, tankcar, partly nominal; 6¾c. to 7¼c., barrels, car lots; 7¼c. to 7¾c., barrels, less than car lots; cottonseed oil, double distilled, 6c. to 6½c. per pound, tankcar; 6½c. to 7c., barrels, car lots; 7c. to 7½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3½c. to 3¾c.; boiled down soap stock, 65 percent basis, 4¼c. to 4½c.; cottonseed foots, 50 percent basis, 1⅝c. to 1⅞c.

STEARIC ACID.—Single press, 9c. to 10c. per pound; double press, 9½c. to 10½c.; triple press, 12¼c. to 13¼c.

RED OILS.—Distilled or saponified, drums, 9c. to 10c. per pound; barrels, 9⅛c. to 10⅛c.

Waxes

Bees.—All quarters reported an exceptionally firm market on this material. Replacements of crude were well maintained in the primary markets and offerings were not large. Refined yellow and white bleached wax on the spot moved in good volume at full prices, the tendency in values being mainly upward.

Candelilla.—Spot quotations ruled in steady fashion under moderate demand and fair supply. The replacement market was about steady but offerings were conservative.

Carnauba.—The spot market has improved in that there was less of the competition that has caused spot prices not to reflect the strong position of wax in the primary market. Price shading was less evident. Reduction in competition resulted in price levels being lifted to a position more, but not entirely, in line with the high prices that were so strongly maintained at the source of supply. More demand for spot goods was in evidence last week and surplus stocks, where such existed, were considerably reduced. Quotations at the close of last week were as follows: No. 3 chalky, ton lots, 35½c. to 36c. per pound; 5 bag lots, 36c. to 36½c.; 1 bag lots, 36½c. to 37c.; No. 2 North Country, 40c. to 40½c; No. 3 North Country, ton lots, 36c. to 36½c.; 5 bag lots, 36½c. to 37c.; 1 bag lots, 37c. to 37½c.; refined, 39c. to 41c.; No. 1 yellow, ton lots, 46c. to 46½c.; 5 bag lots, 47c. to 47½c.; 1 bag lots, 47½c. to 48c.; No. 2 yellow, 44c. to 44½c.

Japan.—A routine market prevailed on the spot. Trade was mainly in jobbing quantities and the total of transactions was not large. Prices for spot goods reflected the steady position of values in the primary market.

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Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

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Five-hundred-second Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Ceresin

Building and Construction

Ingredient of—
- Emulsifying composition for bitumen, especially suitable for addition to bitumen employed in road construction to produce an emulsion in wet weather, containing also saponified resin, a binding agent, a filling material, and concentrated soda-potash lye (Brit. 387825)
- Emulsions used as waterproofing agents by dispersion in cement mixes (U.S. 1906276)
- Waterproofing compositions for brickwork, concrete, masonry, piles, shingles, and other porous structural materials

Chemical

Ingredient of—
- Coating compositions for acid tanks and chemical apparatus
- Solution used in obtaining polymerized products of acrylic acid, its esters, salts, or homologs; polymerides are insoluble in the wax (Brit. 404504)

Purifying agent (Brit. 398136) in making—
- Aromatic alcohols, such as phenylethyl alcohols and their homologs, by the action of alkylene oxides on aromatic hydrocarbons

Cooperage

Material for—
- Lining and impregnating packages of various kinds

Cosmetic

Raw material in making—
- Creams
- Lipsticks
- Pastes
- Pencils
- Pomades

Electrical

As a general insulating agent

Binding, coating, and insulating agent in—
- Electrical condensers

Boiling-out agent for—
- Treating cables and other materials to remove moisture and improve their electrical properties

Coating and insulating agent for—
- Dry-cell batteries
- Household light wires, radio wires, telephone wires, wires in all kinds of domestic electrical appliances
- Industrial electrical cables and industrial electrical machinery
- Radio coils and other electrical coils
- Utility cables and machinery

Filler for
- Cable junctions
- Instrument transformers
- Terminal boxes

Ingredient of—
- Insulating compositions containing rubber
- Insulating compositions for wires of all kinds
- Insulating composition for industrial electrical cables and industrial electrical machinery
- Insulating compositions for electric utility cables and machinery
- Insulating and sealing compositions for dry-cells
- Molded insulations

Sealing agent (Brit. 402967) for—
- Electrolytic cells, such as condensers, to prevent the escape of liquid from exhaust ports provided for the escape of gases under pressure

Waterproofing agent for—
- Electrical instruments
- Electrical machinery

Explosives

Coating agent for—
- Stems of paper of vesta matches
- Stems of wooden matches

Ingredient of—
- Matchhead compositions

Waterproofing agent for—
- Explosives
- Matches

Fuel

Coating agent (U.S. 1912697) for—
- Treating coal to reduce the tendency to heat or to disintegrate because of oxidation

Ingredient of—
- Coating composition for coal; consisting also of colored cellulose pulp and benzene (U.S. 1902642)

Wax in—
- Candle-making

Food

Coating agent for—
- Display molds for products such as artificial jellies, chocolates, foods of all kinds

Ingredient of—
- Candies, chewing gums, decorative compositions

Preservative and coating agent for—
- Eggs

Raw material in making—
- Artificial honeycombs

Sealing agent for—
- Bottled and jarred goods

Forestry

Ingredient of—
- Compositions for curing brown bast in rubber trees
- Grafting dressings (mixed with rosin)

Ink

Ingredient of—
- Lithographic inks
- Non-offset compounds
- Offset compounds
- Printing inks
- Stamping inks

Laundering

Lubricant for—
- Flatirons and ironing machines

Polishing and stiffening agent for—
- Collars, cuffs, shirt fronts

Leather

Ingredient of—
- Dressings
- Finishing preparations
- Military paste polishes
- Polishing compositions
- Waterproofing agents

Lubricant

Basis of various lubricating compositions

Ingredient of—
- Axle greases
- Lubricating grease, containing also castor oil, mineral oils, and aluminum stearate (U.S. 1881591)
- Special lubricants

Mechanical

As a coating against rust

Ingredient of—
- Drawing oils
- Belt dressings

Metallurgical

Ingredient of—
- Compositions used for covering metals to provide protection against moisture, acids, alkalies, and other corrosive substances
- Corrosion-resisting coating compositions, containing also petrolatum, oxidized petroleum bitumen, asbestos, and powdered shale

Miscellaneous

Ingredient of—
- Automobile polish, containing also carnauba wax, rosin, turpentine substitute, and potash solution
- Automobile polish, containing also turpentine, beeswax, paraffin, and carnauba wax
- Compositions for making dental impressions
- Compositions for making anatomical specimens
- Compositions for painting old timber to prevent attack of death watch beetle
- Compositions for waterproofing automobile tops and tarpaulins
- Floor polishes
- Furniture polishes
- Furniture polish, containing also beeswax, raw linseed oil, turpentine, paraffin oil, potassium carbonate, animal-fat soap chips, and water
- Furniture polish, containing also bleached carnauba wax, paraffin, turpentine, white curd soap, pale rosin, water, and an aromatic oil
- Linoleum polishes
- Phosphorescent compounds made from dehydrated quinine sulphate, zinc sulphide, thorium phenolsulphonate or oleate, glycerin, zinc, or antimony powder; such mixtures are electrically conducting (Brit. 402777)
- Polishes of various sorts
- Preparations for making imitation alabaster statues
- Shoe polishes
- Ski waxes
- Wood polishes

Raw material in making—
- Grease crayons
- Imitation fruit and flowers
- Oil crayons
- Spotting pencils, containing also stearic acid and oil dyes, for dry cleaners and textile manufacturers, used for restoring original shades to textiles which have been decolored by stain-removing chemicals
- Toys and dolls
- Wax figures for exhibition purposes and for window display

Waterproofing agent for—
- Cloth liners for automobile tires
- Pasteboard signs exposed to the weather
- Soda-water straws

Oils, Fats, and Waxes

Ingredient of—
- Beeswax substitute, containing beeswax and glyceryl stearate

Belt dressings
- Compounded waxes
- Electrotypers' wax
- Sealing wax
- Shoemakers' wax
- Wire-drawing oils

Substitute for—
- More expensive waxes

Paint and Varnish

Absorbent in—
- Paint and varnish removers

Ingredient of—
- Antifouling paints
- Lacquers for flexible materials, based on a soluble polymerized vinyl compound, a plasticizer, and a solvent (Brit. 389914)
- Special floor waxes
- Varnish, containing also rosin, barytes or other pigments, and alcohol, used for bottles and also for cork capping
- Wood fillers

Paper

Coating, impregnating, or sizing material in making—
- Glassine paper (U.S. 1914798 and 1914799)
- Sized pulp
- Waxed paper products

Ingredient of—
- Coating compositions
- Coating compositions for regenerated cellulose products (Brit. 414911)
- Coating composition, used in making a washable and greaseproof wallpaper, containing also a cellulose derivative, such as cellulose nitrate or acetate, or ethylcellulose or benzylcellulose, and solvents, plasticizers, and natural or synthetic resins (Brit. 394974)
- Compositions used in the manufacture of carbon paper
- Moisture-proof, transparent lacquer for coating wrapping paper, containing also a plasticizer, nitrocellulose or other cellulose derivative, and suitable solvents, but no castor oil, gum, or resin (Brit. 412687)
- Preparations used in making waxed paper
- Sizing emulsions for paper (Brit. 395155 and 404386)
- Sizings for high-gloss paper
- Waterproofing composition, containing also chlorinated rubber and a plasticizer (French 740013)

Waterproofing agent for—
- Boxboard
- Cardboard
- Cartons
- Paper
- Paper drinking cups

Pharmaceutical

In compounding and dispensing practice

Photographic

Coating for—
- Photographic papers

Finishing agent for—
- Glossy prints

Plastics

Ingredient of—
- Moulded products made from a solution of a cellulose derivative and a polyvinyl resin together with cork, leather dust, or wood pulp, a plasticizer, and other synthetic resins (Brit. 416412)
- Phonograph disks

(To be Continued)

Ditolyl-Cadmium

Petroleum

Addition agent (Brit. 433257) in—
- Lubricating oils or greases, especially for use at high temperatures, such as cylinder oils, hydrogenated oils, or oils refined by treatment with sulphuric acid, clay, or extraction solvents

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Isopropyl Chloride

Analysis

Extractant for—
- Fats

Solvent for—
- Fats

Food

Extractant for—
- Fats

Solvent for—
- Fats

Glue and Gelatin

Defatting agent in—
- Treating bones

Leather

Solvent for—
- Fats in compounded dressings

Miscellaneous

Extractant for—
- Fats

Solvent for—
- Fats

Soap

Solvent for—
- Fats

Methylamyl Alcohol

(Methylisobutyl Carbinol)

Chemical

As a medium high-boiling alcohol in chemical processes

Starting point in making—
- Esters, such as methylamyl acetate

Dye

Solvent for—
- Dyestuffs

Fats, Oils, and Waxes

Solvent for—
- Oils
- Waxes

Gums

Solvent for—
- Gums

Miscellaneous

As a solvent, miscible with most common organic solvent, in industrial processes

Paint and Varnish

Imparter of—
- Good "flow-out" in lacquer formulation
- High gloss in lacquer formulation
- Resistance to blushing in lacquer formulation

Medium high-boiling solvent in—
- Lacquer formulation

Solvent for—
- Dyes
- Oils
- Gums
- Resins
- Waxes

Resins

Solvent for—
- Resins

Business Opportunities

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 12 Gold Street, New York

Agencies Wanted

WESTERN CANADA, SHANAHAN'S LIMITED, IMPORT MERCHANTS AND DISTRIBUTORS, OFFER TO MANUFACTURERS INTERESTED IN DEVELOPING BUSINESS IN WESTERN CANADA A COMPLETE SALES ORGANIZATION. WE OPERATE OUR OWN DEEP SEA DOCK AND WAREHOUSES. WRITE BOX 27, VANCOUVER, CANADA.

Agents Wanted

COMPLETE LINE of liquid filling machinery for manufacturers' agents now selling cans, bottles, etc. BOX 577, Oil, Paint and Drug Reporter.

Equipment Offered

SPRECKLES $10,000,000 Liquidation—6 No. 4 Vallez filters; fifteen Shriver c.i. filter presses, 32" x 32" side feed, open delivery, each equipped with 50 chambers; fifty bronze basket centrifugal machines, batteries of three, four, six and eight, 40" baskets; one Swenson triple effect evaporator, 2,000 square feet per effect, copper tubes; one Hersey rotary hot air dryer 3' x 10'; four Oats vacuum pans, 10' to 16'; 150 motors, ½ H.P. to 150 H.P., 3 phase, 60 cycle, 220 volts; complete laboratory and library; 9,000 horsepower boilers, 250 H.P. to 500 H.P., complete with stokers; fifteen Elwell-Parker 4,000 lb. electric industrial trucks; thirty elevators; four pneumatic packing machines for one to five pound cartons; 100 centrifugal and vacuum pumps, motor, steam and belt drives; ten miscellaneous sized air condensers; 3,000 tons pipe, valves and fittings, 2" x 24"; three 75 kw.d.c. generators, engine driven. The above only partial list. Send for 32-page catalog, also send us full list of your requirements. Arrange to visit plant. Consolidated Products-Spreckels Liquidation, Yonkers, New York. Telephone Yonkers 2400.

LABORATORY EQUIPMENT for sale—Slightly used, modern, fully guaranteed, subject to laboratory trial, International centrifuges all sizes with baskets or cups, analytical balances, microscopes, De-Laval clarifiers and separators, hydraulic presses, refractometers, ovens, sterilizing autoclaves all sizes, polariscopes, photographic equipment, micro-equipment, vacuum pumps, Barnstead stills, viscosimeters, etc., only a fraction of our stock. Write for bulletin, we purchase your surplus equipment for cash. The Laboratory Exchange, 24 East 21st street, New York City, N. Y.

Equipment Offered

FOR SALE—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers. Day rapid sifter No. 3. We buy surplus machinery. BOX 555, Oil, Paint and Drug Reporter.

BADGER STILL unit—54 inch dia. copper fractionating column, dephelgmater, and condensor. Pebble mills—25—50—100—200—900 gallons. Edw. W. Lawler, Inc., Durham avenue and L. V. R. R., Metuchen, N. J.

Equipment Wanted

WANTED.—New Jersey round can labeler, model 12, mounted on stand with casters and standard motor. Must be in first class condition. BOX 580, Oil Paint and Drug Reporter.

WANTED.—A second hand weatherometer suitable for the accelerated aging of paint panels. BOX 589, Oil, Paint and Drug Reporter.

Factories Offered

FOR SALE in desirable shipping district at Chicago, a well developed plant suitable for chemical manufacture and other line. Buildings with power wiring, tank storage, switch track, spray pond, etc. Good labor supply. Land area 85.000 sq. ft. Adjoining vacant available if desired. J. H. Van Vlissingen & Co., 120 S. La Salle street, Chicago.

BRICK FACTORY, modern two story and basement, 50x95, main floor truck level high, railroad siding, windows three sides, yard, unrestricted district, Brooklyn. Low sale price or rental. The R. L. Kraft Company, Woolworth Building. Cort. 7-9377.

Materials Offered

ENAMELINER—A novel, unique and valuable product. Gives thickest paint coating on steel ever attained. Remarkable resistance to moisture, chemicals, and hot water. Dries in 30 seconds. Nonexplosive vapor. Black, glossy, imperishable. Sole Mfrs. W. A. Briggs Bitumen Co., 3303 Richmond street, Philadelphia, and 15 Moore street, New York.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write. Barclay Chemical Company, Inc., 75 Varick street, New York City.

Materials Wanted

WANTED.—Wastes, by products, residues of all kinds; also surplus chemicals, solvents, colors, waxes, pigments, glues, paints, drugs, cosmetic specialties. Any quantity. Any condition. Machinery bought and sold. BOX 554, Oil, Paint and Drug Reporter.

Plants Wanted

PLANT WANTED with good transportation facilities, already equipped for general chemical manufacture. Should include boiler, pumps, mixers, filter presses, pulverizers, storage tanks. Give full details in first letter. BOX 553, Oil, Paint and Drug Reporter.

Positions Vacant

ALERT TECHNICIAN wanted with four or more years practical experience formulating industrial finishes including alkyd and phenol synthetics. Must be capable of formulating, producing on a laboratory scale and preparing panel displays of finishing system without constant supervision. Pittsburgh location. BOX 581, Oil, Paint and Drug Reporter.

CHEMISTS with experience in manufacture of synthetic enamels or industrial lacquers. Metro area. Salary open. Technical Service Agency, Inc., 217 Broadway, New York.

THOROUGHLY EXPERIENCED man in the production of sulphonated oils and textile compounds wanted immediately. BOX 585, Oil, Paint and Drug Reporter.

PAINT TECHNICIAN, chief chemist, take charge laboratory for large manufacturer of paints, varnishes, in metropolitan New York. Must be thoroughly experienced and capable of formulating and testing for shelf and industrial goods. Liberal compensation. Write complete details as to past experience. All replies will be kept strictly confidential. BOX 586, Oil, Paint and Drug Reporter.

Positions Wanted

SALESMAN, thoroughly experienced, chemically trained, has successfully sold candy, flavor, baking, drug and manufacturing chemists industries through New England, New York, Pennsylvania and southern territories. Owns car and has excellent references. BOX 556, Oil, Paint and Drug Reporter.

Positions Wanted

YOUNG MAN, 27 years of age, married, now employed in a paint and varnish laboratory, who has had selling experience, wants to return to selling paint and varnish products. BOX 570, Oil, Paint and Drug Reporter.

PHARMACEUTICAL MANUFACTURER with 25 years' experience in U. S. and Canada. Can furnish formulae and processes for the manufacture of the entire medical and veterinary line. Qualified by experience to direct sales, purchases and production. For further particulars write BOX 579, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER with three years work in paints, lacquers; also three years in coal tar products, disinfectants, etc. BOX 582, Oil, Paint and Drug Reporter.

ANALYTICAL CHEMIST (Ph.D.) having worked in petroleum refinery also water supply. BOX 583, Oil, Paint and Drug Reporter.

ANALYTICAL and research chemist experienced in dyes, cosmetics, pharmaceuticals, heavy chemicals, etc. BOX 584, Oil, Paint and Drug Reporter.

CHEMICAL-MECHANICAL engineer capable of operating unit for the production of lactic acid by fermentation of carbohydrates. Complete control of culture tubs; batch proportioning; battery of fermenters; decomposing lactate into acid; treatment for removal color, impurities, filtration procedures; evaporation and packing of the acid. Familiar with design, mechanical maintenance modern plant for producing 22-44% technical, 50% edible, 85% distilled U.S.P. grades, calcium and sodium lactates. BOX 587, Oil, Paint and Drug Reporter.

TECHNICAL EXPERT, familiar with research and development aspects of rayon, synthetic resins, coating compositions, wetting agents and fine organic chemicals, desires position in charge of sales-service and investigational work. Age 35, Ph.D., plus 12 years' industrial experience. BOX 588, Oil, Paint and Drug Reporter.

GENERAL ASSISTANT for a paint, varnish and enamel manufacturer, all around experience in sales, finance and factory operations, possessing executive ability and also good at all details, nominal compensation. BOX 590, Oil, Paint and Drug Reporter.

REBUILT MACHINERY SELECTED ITEMS

20—Pebble Mills, including 6—50 gal. porcelain lined, 8—200 gal. burrstone lined, with roller bearings, 1—500 gal.
1—Stokes Rotary "DD" Tablet Machine.
5—Colton, Stokes & Mulford Tablet Machines, ⅛" to 2" dia.
10—175 gal. Copper and Aluminum Steam Jacketed Kettles.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—36" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
3—12x30 watercooled Roller Mills, one with roller bearings.
2—Day 12x32 w.c. chain drive Roller Mills.
5—Day Pony Mixers, 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
2—700 gal. Duriron Jack. Kettles, closed.
1—4-0 H.P. B. & W. Boiler, A.S.M.E. 200 lbs.
3—W. & P. Jack. Mixers, 100 gals., heatable sigma blades.
3—W. & P. Jack. Mixers, 200 gals., power tilting.
35—Filter Presses, 6" to 42" size.
1—J. P. Devine Double Drum Dryer, 4'x9'.

Miscellaneous: Dryers; Mixers; Fillers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

CONSOLIDATED PRODUCTS COMPANY, Inc.

15-17-19 Park Row, New York, N. Y.
Phone: Barclay 7-0600
Plant: 335 Doremus Ave., Newark, N. J.
Cable Address: Equipment

REBUILT • MODERN • GUARANTEED MACHINERY

BARGAIN SPECIALS

Lehman and National 3 roll Roller Mills, horizontal and vertical type.
National 5 roll Roller Mills.
Robinson 16-inch motor driven attrition mill.
Drug Mills, putty chasers, also a complete stock of rebuilt, guaranteed machinery.

Write or Wire Collect For Prices and Information

UNION STANDARD EQUIPMENT CO.
318 Lafayette Street, New York, N. Y.

Corporation Earnings Recently Reported

	Period.	1936 Net income.	1936 Per share.	1935 Net income.	1935 Per share.
American Commercial Alcohol Corp...	6 mos.	$675,025	$2.59	$495,167	$1.90
Atlantic Refining Co...	6 mos.	3,140,000	1.12	255,378	.10
Beech-Nut Packing Co...	6 mos.	1,203,336	...	.....	...
Bolsa Chica Oil Corp...	6 mos.	75,237	...	*13,309	...
Canada Dry Ginger Ale, Inc...	9 mos.	*231,207	...	10,640	.02
Coca-Cola International Corp...	6 mos.	1,708,391	7.21	1,924,233	8.00
Darby Petroleum Corp...	6 mos.	243,749	.75	142,255	.28
Eagle-Picher Lead Co...	6 mos.	330,000	.35	128,196	.12
Formica Insulation Co...	6 mos.	103,946	.58	62,797	.35
Grand Rapids Varnish Co...	6 mos.	83,933	.59	74,456	.52
International Printing Ink Corp...	6 mos.	535,711	1.41	489,606	1.24
Liquid Carbonic Corp...	9 mos.	435,056	1.24	296,307	.85
Monsanto Chemical Co...	6 mos.	2,068,582	1.86	1,848,449	1.90
National Gypsum Co...	6 mos.	408,382	...	296,046	...
National Oil Products Co...	6 mos.	239,072	1.41	135,074	.77
New Jersey Zinc Co...	6 mos.	2,339,772	1.19	2,174,213	1.11
Pacific Western Oil Corp...	6 mos.	643,121	.64	361,867	.36
Pennsylvania Salt Mfg. Co...	Yr. 6-30	1,285,645	8.57	891,086	5.94
Phillips Petroleum Co...	6 mos.	7,336,302	1.77	5,019,975	1.21
Pierce Petroleum Corp...	6 mos.	140,666	.056	*27,434	...
Ruberoid Co...	6 mos.	209,825	1.58	264,483	1.99
Standard Oil Co. (Cal.)...	6 mos.	8,979,546	.69	10,583,142	.81
Superior Oil Corp...	6 mos.	116,320	.12	154,691	.16
Swan-Finch Oil Corp...	Yr. 6-30	68,428	1.67	39,158	.83
United Carbon Co...	6 mos.	1,087,607	2.73	937,969	2.38
Westvaco Chlorine Products Corp....	6 mos.	310,770	.82	315,008	.84

* Deficit.

Penick Offers Vitamin Oils and Concentrates

A recent development and expansion of the activities of S. B. Penick & Co., this city, will be of interest to those manufacturers in the drug, food and other industries where use is made of vitamin A and D oils and concentrates of high potency. The Penick company is now offering medicinal grades of halibut liver oil, natural vitamin D and fish liver oil concentrates in bulk form, and is in position to care for a large part of the trade's immediate requirements. Stocks are being maintained in both the New Jersey and Chicago plants to give prompt shipment when required. As these existing stocks are depleted, they will be replaced by new production which will be amply large to take care of all accepted contracts.

The technical staff, laboratory and manufacturing facilities of the company have been adequately expanded to handle the highly scientific extraction, refining and testing methods which are being applied to the products. All oils and concentrates are released for sale only after standardization by very rigid bio-assays conducted in accordance with USP procedure.

The Penick organization has been interested for some years in high potency oils and concentrates, and a great deal of experimental work was undertaken and completed before any of the products were released for sale. Penick's halibut liver oil is a non-solvent extracted product. This process produces an oil of lighter color and milder odor and taste, but at the expense of a lower yield from the livers processed. This additional cost is considered by the company to be more than justified, however, by the higher quality of oil produced.

The history of the company is too well known to require any elaboration here. S. B. Penick & Co. today ranks as one of the largest houses of the kind in the world. Its activities extend to every corner of the earth and some 1,500 different varieties of crude and manufactured drugs appear in the price lists.

The expansion of the company into the vitamin field is notable as complete dependence upon its claims is justified by years of successful experience. Today, more than ever, because of the constantly increasing stringency of official regulation, control and testing, reputable drug manufacturers and users in other fields are forced to buy vitamin A and D oils and preparations of known origin and reliability.

In addition to the activities above mentioned, the company is now completing the experimental stages of production on a new type of vitamin B and G concentrate.

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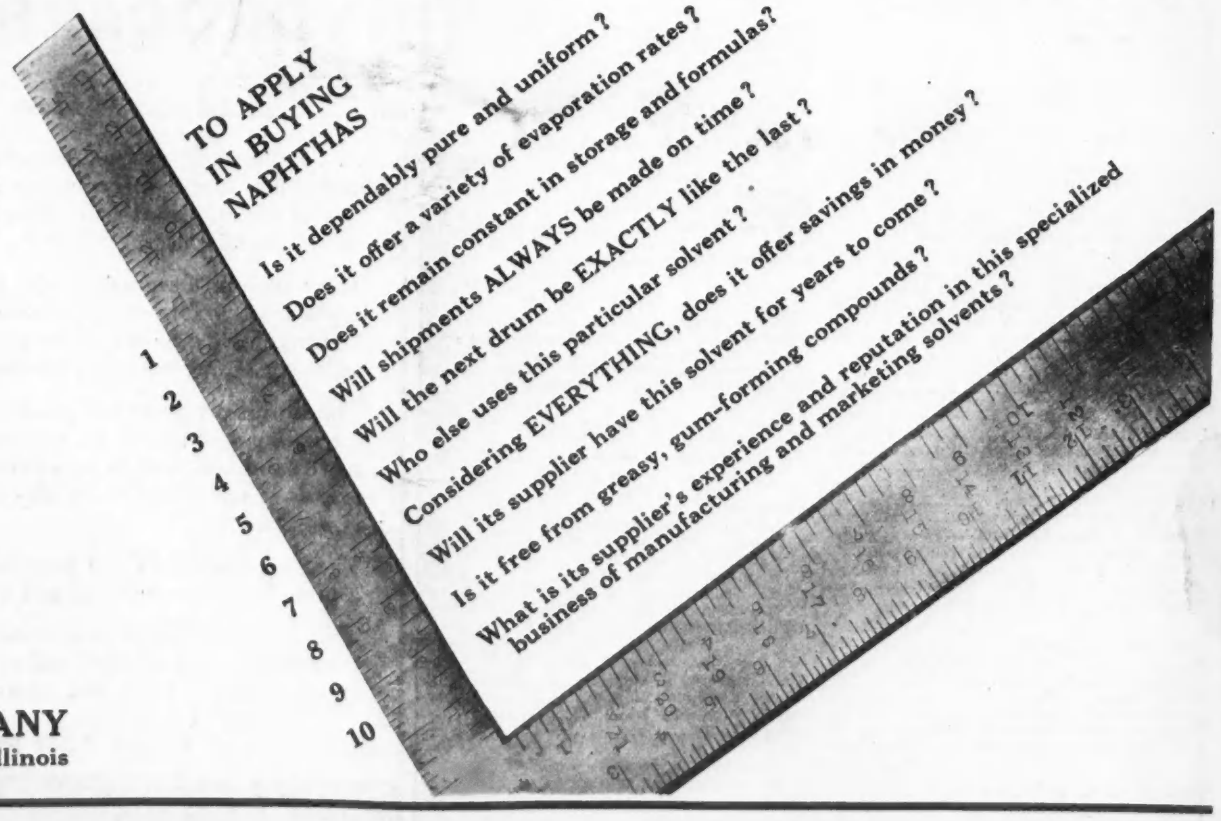
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